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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CAMP PE--ETC(U)
JUN 78

UNCLASSIFIED

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
03154	Camp Pendleton, California	33°18'N	117°21'W	63	KOCS	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
-	None	MCB							Var
1.	Weather service office (First deck of Airfield Ops Bldg)	MCALF	1968	1969	33°18'N	117°21'W	66	Fortin	"
2.	Weather office (moved within office)	"	1969		"	"	81	"	"

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	1962	On roof above Weather Office	AN/UMQ 5	RD-108	42'MSL	* Observation site moved to MCALF Camp Pendleton 1 March 68.
1a.	1968	Atop control tower	"	"	120'MSL	
1b.	1969	Adjacent Rwy 03-21 approx. 700' North Hangar 2360	"	"	85' MSL	1. Barometer (Aneroid) 2. Barograph (Marine) 3. Hygrothermograph

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Asheville, N. C.

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).

2. All available data will be used for extreme values.

3. Summarize (update) every five years.

   a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.

   b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.

   c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.

   d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

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Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		18.2				18.2	36.4				36.4	22
	04		14.3				14.3	28.6				28.6	21
	07		9.1				9.1	22.7	2.3			22.7	44
	10		7.1				7.1	7.1	6.0			11.9	84
	13		8.3				8.3	3.6	4.8			8.3	84
	16		4.9				4.9	6.1	6.1			11.0	82
	19							25.0	18.8			37.5	16
	22		6.3				6.3	50.0	6.3			50.0	16
TOTALS			8.5				8.5	22.4	5.5			25.8	369

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5701 WEATHER CONDITIONS JAN

WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01							22.2				22.2	18
	04		5.6				5.6	38.9				38.9	18
	07		5.1				5.1	28.2	5.1			28.2	39
	10		5.1				5.1	16.7	16.7			29.5	78
	13		9.0				9.0	5.1	16.7			20.5	78
	16		7.7				7.7	5.1	11.5			14.1	78
	19		6.7				6.7	13.3				13.3	15
	22							33.3				33.3	15
TOTALS			4.9				4.9	20.4	6.3			25.0	339

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WEATHER CONDITIONS

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-76 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		5.9				5.9	17.6				17.6	34
	04		8.8				8.8	26.5				26.5	34
	07		10.7				10.7	30.4	5.4			35.7	56
	10		8.1				8.1	9.3	16.3			23.3	86
	13		7.1				7.1	4.7	9.4			14.1	85
	16		4.8				4.8	4.8	8.3			13.1	84
	19		7.1				7.1	7.1	7.1			7.1	14
	22		9.1				9.1						11
TOTALS			7.7				7.7	12.6	5.8			17.2	404

WEATHER CONDITIONS

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-75 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		2.7				2.7	32.4	5.4			32.4	37
	04							33.3	2.6			33.3	39
	07		5.1				5.1	22.0	5.1			23.7	59
	10		3.1				3.1	7.7	12.3			16.9	65
	13		1.5				1.5	1.5	12.3			13.8	65
	16		1.6				1.6	3.2	7.9			11.1	63
	19		3.7				3.7	25.9	3.7			29.6	27
	22		3.6				3.6	35.7				35.7	28
TOTALS			2.7				2.7	20.2	6.2			24.6	383

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		3.2				3.2	45.2	25.8			64.5	31
	04		16.1				16.1	51.6	25.8			64.5	31
	07		3.0				3.0	51.5	22.7			68.2	66
	10		1.5				1.5	10.3	42.6			48.5	68
	13							1.5	30.8			32.3	65
	16								29.7			29.7	64
	19							21.1	26.3			47.4	19
	22							46.2	53.8			76.9	13
TOTALS			3.0				3.0	28.4	32.2			54.0	357

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		5.6				5.6	72.2				72.2	18
	04							72.2				72.2	18
	07		3.4				3.4	54.2	28.8			72.9	59
	10		4.8				4.8	8.1	46.8			48.4	62
	13							1.6	32.8			32.8	61
	16		1.6				1.6	1.6	31.1			31.1	61
	19												
	22												
TOTALS			2.6				2.6	35.0	23.3			54.9	279

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01							73.9	13.0			78.3	23
	04							73.9	4.3			78.3	23
	07		1.5				1.5	41.8	29.9			65.7	67
	10		1.5				1.5	3.0	32.8			34.3	67
	13								16.4			16.4	67
	16								13.8			13.8	65
	19							5.0	30.0			35.0	20
	22							50.0	35.0			80.0	20
TOTALS			.4				.4	31.0	21.9			50.2	352

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01							82.6	39.1			95.7	23
	04							87.0	30.4			95.7	23
	07		3.0				3.0	77.3	33.3			84.8	66
	10							6.3	48.4			54.7	64
	13								46.0			46.0	63
	16							2.1	42.6			42.6	47
	19							23.5	52.9			64.7	17
	22							76.5	41.2			100.0	17
TOTALS			.4				.4	44.4	41.7			73.0	320

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01							82.4	23.5			88.2	17
	04		5.9				5.9	76.5	23.5			94.1	17
	07		3.3				3.3	65.0	18.3			76.7	60
	10							15.0	46.7			51.7	60
	13							3.5	38.6			38.6	57
	16							1.9	40.4			40.4	52
	19							16.7	41.7			58.3	12
	22							66.7	25.0			75.0	12
TOTALS			1.2				1.2	41.0	32.2			65.4	287

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01							35.0	15.0			50.0	20
	04							47.4	15.8			57.9	19
	07		1.8				1.8	33.3	14.0			40.4	57
	10							9.5	27.0			33.3	63
	13							1.6	21.0			22.6	62
	16		3.2				3.2	6.5	19.4			24.2	62
	19							18.8	12.5			31.3	16
	22							31.3	18.8			43.8	16
TOTALS			.6				.6	22.9	17.9			37.9	315

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01							12.5				12.5	16
	04		12.5				12.5	18.8				18.8	16
	07							32.5				32.5	40
	10							11.7	13.3			21.7	60
	13							1.8	12.5			12.5	56
	16							5.6	14.8			16.7	54
	19							8.3				8.3	12
	22							16.7				16.7	12
TOTALS			1.6				1.6	13.5	5.1			17.5	266

WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01							52.9				52.9	17
	04							41.2				41.2	17
	07		2.8				2.8	30.6				30.6	36
	10		1.7				1.7	23.3	11.7			25.0	60
	13		3.6				3.6	7.3	16.4			21.8	55
	16		1.9				1.9	3.7	20.4			20.4	54
	19							27.3	9.1			27.3	11
	22							50.0				50.0	12
TOTALS			1.3				1.3	29.5	7.2			33.7	262

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WEATHER CONDITIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		8.5				8.5	22.4	5.5			25.8	369
FEB			4.9				4.9	20.4	6.3			25.0	339
MAR			7.7				7.7	12.6	5.8			17.2	404
APR			2.7				2.7	20.2	6.2			24.6	383
MAY			3.0				3.0	28.4	32.2			54.0	357
JUN			2.6				2.6	35.0	23.3			54.9	279
JUL			.4				.4	31.0	21.9			50.2	352
AUG			.4				.4	44.4	41.7			73.0	320
SEP			1.2				1.2	41.0	32.2			65.4	287
OCT			.6				.6	22.9	17.9			37.9	315
NOV			1.6				1.6	13.5	5.1			17.5	266
DEC			1.3				1.3	29.5	7.2			33.7	262
TOTALS			2.9				2.9	26.8	17.1			39.9	3933

5701 WEATHER CONDITIONS JAN [redacted] 8

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 66, 68-71 (YEARS) | ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.2	48.4			3.2	48.4	64.5	29.0			71.0	31
FEB			53.6				53.6	57.1	7.1			57.1	28
MAR		5.6	33.3				33.3	27.8	11.1			27.8	18
APR													
MAY													
JUN													
JUL													
AUG													
SEP			5.3				5.3	42.7	48.0			61.3	75
OCT			14.5				14.5	61.3	61.3			77.4	62
NOV		1.5	13.2				13.2	47.1	47.1			57.4	68
DEC			19.2		1.9		19.2	36.5	23.1			42.3	52
TOTALS		1.5	26.8		.3	.5	26.8	48.1	32.4			56.3	334

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | JANUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	12.5								6.3					87.5
NNE	16.7								5.6		5.6			77.8
NE	11.1													88.9
ENE	50.0								50.0					50.0
E	20.0	20.0							20.0		20.0			40.0
ESE									25.0		25.0			75.0
SE	22.2										11.1			66.7
SSE														100.0
S	4.4								4.4		8.9			86.7
SSW	6.5	3.2							6.5		12.9			77.4
SW														100.0
WSW											6.3			93.8
W														100.0
WNW										50.0				50.0
NW		50.0												50.0
NNW														100.0
VARIABLE														
CALM	3.2	1.7							15.5	7.5	2.9			70.7
TOTAL	23	6							36	14	18			287
% TOTAL	6.2	1.6							9.8	3.8	4.9			77.8

TOTAL NUMBER OF OBSERVATIONS 369

NAVWEASERVCOM

5270 % FREQ. WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | FEBRUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	16.7	5.6							22.2					61.1
NNE	10.0										10.0			80.0
NE														100.0
ENE														100.0
E									25.0	12.5				62.5
ESE		50.0												50.0
SE	16.7								16.7					83.3
SSE											16.7			83.3
S	4.9	4.9							7.3		14.6			78.0
SSW											21.9			78.1
SW	4.8		4.8						4.8	4.8	9.5			81.0
WSW														100.0
W	7.1													92.9
WNW	25.0										12.5			62.5
NW														
NNW														100.0
VARIABLE														
CALM	2.7		.7						21.2	4.1	12.3			60.4
TOTAL	15	4	2						42	8	37			250
% TOTAL	4.4	1.2	.6						12.4	2.4	10.9			73.7

TOTAL NUMBER OF OBSERVATIONS 339

NAVWEASERVCOM

5708 % FREQ WIND DIR. VS WEATHER (1-68)

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154	CAMP PENDLETON, CALIFORNIA	JAN 1973-MAR 1976	MARCH	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									11.1					88.9
NNE														100.0
NE									20.0					80.0
ENE														
E	16.7								16.7					83.3
ESE	14.3	28.6												57.1
SE	20.0		10.0						10.0		10.0			60.0
SSE	7.7	7.7							23.1		15.4			61.5
S	4.8	3.2							6.3		15.9			73.0
SSW	1.8	1.8							3.6		7.1			87.5
SW		3.6												96.4
WSW		3.4								3.4	3.4			93.1
W														100.0
WNW		50.0												50.0
NW														100.0
NNW														100.0
VARIABLE														
CALM	4.3	1.8	.6						17.1	4.3	9.1			66.5
TOTAL	16	12	2						41	8	33			306
% TOTAL	4.0	3.0	.5						10.1	2.0	8.2			75.7

TOTAL NUMBER OF OBSERVATIONS 404

NAVWEASERVCOM

5708 % FREQ. WIND [illegible]. VS WEATHER JAN 68

1144

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | APRIL (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.1								35.7	14.3	14.3			50.0
NNE														100.0
NE														100.0
ENE														100.0
E														100.0
ESE										50.0	50.0			50.0
SE										100.0	100.0			
SSE										14.3				85.7
S	1.8								3.5		12.3			84.2
SSW	3.2								3.2	1.6	9.7			83.9
SW		3.2							3.2		6.5			87.1
WSW														100.0
W											28.6			71.4
WNW														
NW														
NNW														100.0
VARIABLE														
CALM	1.9	.6	.6						21.7	6.8	3.7			68.3
TOTAL	7	2	1						45	18	28			296
% TOTAL	1.8	.5	.3						11.7	4.7	7.3			77.3

TOTAL NUMBER OF OBSERVATIONS 383

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | MAY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									50.0		16.7			33.3
NNE									50.0		25.0			25.0
NE									50.0		50.0			
ENE									100.0					
E	16.7		16.7						50.0		16.7			33.3
ESE									50.0		50.0			
SE											62.5			37.5
SSE									9.1	9.1	72.7			18.2
S			1.6						6.3		29.7			65.6
SSW			1.2						7.2		28.9			63.9
SW									6.1		30.3			69.7
WSW									8.3		33.3			58.3
W														100.0
WNW									50.0					50.0
NW									33.3		33.3			33.3
NNW									100.0					
VARIABLE														
CALM	.9		3.4						30.7	5.2	30.2			35.3
TOTAL	2		7						75	7	111			180
% TOTAL	.6		2.0						21.0	2.0	31.1			50.4

TOTAL NUMBER OF OBSERVATIONS 357

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | JUNE (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE									25.0	25.0	25.0			50.0
NE														
ENE														
E		33.3							33.3	66.7				
ESE									50.0		50.0			
SE			12.5								50.0			50.0
SSE		7.1								14.3	57.1			35.7
S		1.1	2.3						2.3	1.1	22.7			72.7
SSW									3.9		39.2			58.8
SW											64.7			35.3
WSW									16.7		16.7			66.7
W									50.0		50.0			25.0
WNW														
NW									100.0					
NNW									33.3					66.7
VARIABLE														
CALM			1.5						45.5	15.6	19.5			26.0
TOTAL		3	4						47	18	83			139
% TOTAL		1.1	1.4						16.8	6.5	29.7			49.8

TOTAL NUMBER OF OBSERVATIONS 279

NAVWEASERVCOM

5-73 FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154	CAMP PENDLETON, CALIFORNIA	JAN 1973-MAR 1976	JULY	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									50.0	25.0	37.5			
NNE									100.0		33.3			
NE									50.0					50.0
ENE											100.0			
E									50.0	50.0				
ESE											33.3			66.7
SE			20.0						20.0					80.0
SSE									18.2	9.1	36.4			36.4
S									1.3		17.3			82.7
SSW	1.2								1.2		18.6			77.9
SW									3.3		36.7			63.3
WSW									14.3		28.6			57.1
W									25.0		25.0			50.0
WNW									66.7		33.3			
NW									100.0					
NNW										100.0				
VARIABLE														
CALM									38.8	10.2	20.4			36.7
TOTAL	1		1						60	15	77			206
% TOTAL	.3		.3						17.0	4.3	21.9			58.5

TOTAL NUMBER OF OBSERVATIONS 352

NAVWEASERVCOM

5708 % FREQ WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | AUGUST (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									80.0					20.0
NNE									33.3	33.3	33.3			33.3
NE			100.0						100.0					
ENE									100.0					
E									33.3	33.3	100.0			
ESE											100.0			
SE										20.0	20.0			60.0
SSE									17.6		52.9			35.3
S									6.3	1.6	45.3			46.9
SSW									4.4	1.5	45.6			52.9
SW									13.6		40.9			40.9
WSW											62.5			37.5
W											50.0			50.0
WNW									66.7	33.3	33.3			
NW														
NNW			16.7						83.3	16.7	16.7			
VARIABLE														
CALM									50.9	19.1	30.4			16.4
TOTAL			2						84	28	133			108
% TOTAL			.6						26.3	8.8	41.6			33.8

TOTAL NUMBER OF OBSERVATIONS 320

NAVWEASERVCOM

5708 % FREQ. WIND DIR VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | SEPTEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									62.5	25.0	12.5			12.5
NNE									75.0					25.0
NE									75.0	8.3	16.7			16.7
ENE									75.0					25.0
E											100.0			
ESE									33.3		50.0			33.3
SE											50.0			50.0
SSE									5.6	11.1	22.2			66.7
S									9.7		37.1			62.9
SSW									2.4		54.8			42.9
SW									4.5	4.5	31.8			63.6
WSW									12.5		31.3			62.5
W									9.1		72.7			27.3
WNW										100.0				
NW														
NNW									75.0		25.0			
VARIABLE														
CALM			4.4						52.9	7.4	26.5			20.6
TOTAL			3						76	12	98			120
% TOTAL			1.0						26.5	4.2	34.1			41.8

TOTAL NUMBER OF OBSERVATIONS 287

NAVWEASERVCOM

% FREQ. WIND DIR. VS WEATHER JAN 68

1144

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | OCTOBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									63.6		9.1			36.4
NNE									14.3		14.3			71.4
NE										16.7	66.7			33.3
ENE									40.0					60.0
E														
ESE														100.0
SE														100.0
SSE									16.7		33.3			50.0
S											30.8			69.2
SSW		2.5							2.5		25.0			72.5
SW									7.1		21.4			71.4
WSW									5.6		33.3			61.1
W											9.1			90.9
WNW														100.0
NW														
NNW									50.0					50.0
VARIABLE														
CALM	.6								20.3	6.8	12.8			66.7
TOTAL	1	1							43	10	60			207
% TOTAL	.3	.3							13.8	3.2	19.2			66.3

TOTAL NUMBER OF OBSERVATIONS 312

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (N 68)

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | NOVEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									16.7					83.3
NNE									10.0					90.0
NE									25.0					75.0
ENE									33.3					66.7
E											100.0			
ESE														100.0
SE														100.0
SSE									8.3		16.7			83.3
S									2.6		13.2			86.8
SSW									9.2		22.6			77.4
SW											16.7			83.3
WSW														100.0
W											14.3			85.7
WNW									33.3					66.7
NW														100.0
NNW														100.0
VARIABLE														
CALM	1.9								16.0	8.4	3.7			73.8
TOTAL	2								23	9	23			214
% TOTAL	.8								8.6	3.4	8.6			80.5

TOTAL NUMBER OF OBSERVATIONS 266

NAVWEASERVCOM

5708 % FREQ. WIND & VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | DECEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									30.0					70.0
NNE									55.6					44.4
NE														100.0
ENE														100.0
E														
ESE	33.3								100.0		33.3			
SE														100.0
SSE	11.1													88.9
S	2.4								4.9		17.1			78.0
SSW	5.3								7.9		23.7			71.1
SW											16.7			83.3
WSW											14.3			85.7
W														100.0
WNW														
NW														100.0
NNW														100.0
VARIABLE														
CALM									25.0	6.3	7.0			57.2
TOTAL	5								48	8	28			186
% TOTAL	1.9								18.3	3.1	10.7			71.0

TOTAL NUMBER OF OBSERVATIONS 262

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | ALL (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.4	.9							33.9	5.4	7.1			54.5
NNE	4.7								24.4	2.3	8.1			65.1
NE	2.0		2.0						30.0	4.0	14.0			56.0
ENE	5.0								45.0		5.0			50.0
E	8.1	5.4	2.7						27.0	13.5	18.9			43.2
ESE	5.1	7.7							20.5	2.6	30.8			46.2
SE	7.5		4.5						4.5	4.5	23.9			64.2
SSE	1.5	1.5							8.8	5.1	30.1			58.8
S	1.3	.7	.4						4.6	.3	22.9			73.0
SSW	1.3	.5	.2						3.9	.3	26.0			70.0
SW	.4	.7	.4						4.1	.7	22.9			72.7
WSW		.6							4.0	.6	15.9			80.1
W	1.2								4.8		19.0			77.4
WNW	8.0	4.0							24.0	12.0	12.0			44.0
NW		8.3							25.0		8.3			58.3
NNW			2.8						33.3	5.6	5.6			58.3
VARIABLE														
CALM	1.8	.5	.7						27.4	7.9	13.6			55.1
TOTAL	72	28	22						620	155	729			2499
% TOTAL	1.8	.7	.6						15.8	3.9	18.5			63.6

TOTAL NUMBER OF OBSERVATIONS 3,930

5708% FREQ. WIND DIR. VS WEATHER JAN 68

NAVWEASERVCOM

NWSD, Federal Building

Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

03184 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 67-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	61.3	8.1	1.6		4.8	6.5	11.3	3.2	3.2					30.6	62	3.93	6.84	1.02
FEB	72.6	7.1		3.6	1.2	2.4	2.4	4.8	6.0					20.2	84	3.85	8.73	TRACE
MAR	71.0	6.5		9.7	6.5			3.2	3.2					22.6	31	1.84	1.84	1.84
APR	40.0	10.0		26.7	6.7	10.0	3.3	3.3						50.0	30	1.93	1.93	1.93
MAY	71.0	19.4		3.2	6.5									9.7	31	.17	.17	.17
JUN	80.0	13.3	3.3	3.3										6.7	30	.05	.05	.05
JUL	93.5	6.5													31	TRACE	TRACE	TRACE
AUG	88.7	9.7		1.6										1.6	62	.01	.02	TRACE
SEP	83.3	13.3		2.2		1.1								3.3	90	.06	.17	TRACE
OCT	85.5	11.3	1.6			1.6								3.2	62	.10	.19	.01
NOV	83.3	3.3		3.3	1.7	1.7	1.7	5.0						13.3	60	1.43	1.68	1.18
DEC	79.0	8.1		3.2	1.6	3.2	4.8							12.9	62	.70	.97	.43
ANNUAL	75.8	9.7	.5	4.7	2.4	2.2	2.0	1.6	1.0					14.5	635	14.07		

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6722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

03196 CAMP PENDLETON, CALIFORNIA 67-70

STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														62	.0	.0	.0
FEB	100.0														84	.0	.0	.0
MAR	100.0														31	.0	.0	.0
APR	100.0														30	.0	.0	.0
MAY	100.0														31	.0	.0	.0
JUN	100.0														30	.0	.0	.0
JUL	100.0														31	.0	.0	.0
AUG	100.0														62	.0	.0	.0
SEP	100.0														90	.0	.0	.0
OCT	100.0														62	.0	.0	.0
NOV	100.0														60	.0	.0	.0
DEC	98.4	1.6													62	TRACE	TRACE	.0
ANNUAL	99.9	.1													635	.0		

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

18437

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 67-70 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														62			
FEB	100.0														84			
MAR	100.0														31			
APR	100.0														30			
MAY	100.0														31			
JUN	100.0														30			
JUL	100.0														31			
AUG	100.0														62			
SEP	100.0														90			
OCT	100.0														62			
NOV	100.0														60			
DEC	100.0														62			
ANNUAL	100.0														635		X	X

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

03154 CAMP PENDLETON, CALIFORNIA 66-72

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		TRACE	1.02	.60	.06	.04	TRACE	.02	.13				
68								TRACE	TRACE	.19	.93	.35	
69	1.51	1.89							TRACE		.75	.30	
70	.39	1.72								.01			
71													
72													
73													
MEAN	.95	1.20	1.02	.60	.06	.04	TRACE	.01	.04	.10	.84	.33	
S. D.													
TOTAL OBS.	62	84	31	30	31	30	31	62	90	62	60	62	635

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

03154 CAMP PENDLETON, CALIFORNIA 66-72
STATION STATION NAME YEARS

191743

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										.45 23	.95 20	.00 19	PRECIP DAYS
67	1.37 25									TRACE 22	 0	 0	PRECIP DAYS
68	 0	TRACE 5	 0	 0	 0	 0	 0						PRECIP DAYS
69			.27 29	.00 19	.13 23	.07 27	.05 24	TRACE 30		.05 30			PRECIP DAYS
70			.58 29	.10 25	.00 23	TRACE 24	TRACE 22	.00 27	.00 23		.01 19	1.50 24	PRECIP DAYS
71	.30 23	.70 22	.00 23	1.00 22	.16 19	TRACE 22	.00 21	.00 22	TRACE 21	.00 19	.00 18	.00 17	PRECIP DAYS
72	.00 21	.00 20											PRECIP DAYS
73									 0				PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 66-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		.0	.0	.0	.0	.0	.0	.0	.0				
68								.0	.0	.0	.0	TRACE	
69	.0	.0							.0		.0	.0	
70	.0	.0								.0			
71													
72													
73													
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	
S. D.													
TOTAL OBS.	62	84	31	30	31	30	31	62	90	62	60	62	635

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 66-72 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										.0 23	.0 20	.0 21	SNOFALL DAYS
67	.0 25									.0 22	 0	 0	SNOFALL DAYS
68	 0	 0	 0	 0	 0	 0	 0						SNOFALL DAYS
69			.0 29	.0 22	.0 23	.0 27	.0 24	.0 30		.0 30			SNOFALL DAYS
70			.0 29	.0 26	.0 23	.0 24	.0 22	.0 27	.0 23		.0 19	.0 24	SNOFALL DAYS
71	.0 23	.0 22	.0 23	.0 22	.0 19	.0 22	.0 21	.0 22	.0 21	.0 19	.0 18	.0 20	SNOFALL DAYS
72	.0 21	.0 20											SNOFALL DAYS
73									 0				SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

191747

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		0	0	0	0	0	0	0	0				
68								0	0	0	0	0	
69	0	0							0		0	0	
70	0	0								0			
71													
72													
73													
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S. D.													
TOTAL OBS.	62	84	31	30	31	30	31	62	90	62	60	62	635

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										0 23	0 20	0 21	SNO DPTH DAYS
67	0 25									0 22	0	0	SNO DPTH DAYS
68	0	0	0	0	0	0	0						SNO DPTH DAYS
69			0 29	0 22	0 23	0 27	0 24	0 30		0 30			SNO DPTH DAYS
70			0 29	0 26	0 23	0 24	0 22	0 27	0 23		0 19	0 24	SNO DPTH DAYS
71	0 23	0 22	0 23	0 22	0 20	0 22	0 21	0 22	0 21	0 19	0 18	0 20	SNO DPTH DAYS
72	0 21	0 20											SNO DPTH DAYS
73									0				SNO DPTH DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

191751

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03154 (STATION) | CAMP PENDELTON, CALIFORNIA (STATION NAME) | 1967 1972 (YEARS)

JANUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5	T	T	1967			
6						
7						
8						
9	T	T	1970			
10	0.39	10	1970			
11	0.16	4	1970			
12	0.01		1970			
13	0.30	8	1971			
14	1.00	25	1969			
15	0.06	2	1970			
16	0.28	7	1970			
17	0.12	3	1970			
18	0.30	8	1969			
19	0.26	7	1969			
20	0.74	19	1969			
21	0.37	9	1969			
22	1.37	35	1967			
23	0.50	13	1969			
24	1.51	38	1969			
25	1.33	34	1969			
26	0.26	7	1969			
27	0.07	2	1969			
28	0.24	6	1969			
29						
30	0.11	3	1967			
31	0.06	2	1967			
Monthly	1.51	38	1969			

FEBRUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4	0.02	1	1969			
5	0.03	1	1969			
6	1.21	31	1969			
7						
8						
9	T	T	1971*			
10	0.54	14	1970			
11	0.56	14	1970			
12	T	T	1970*			
13						
14	T	T	1967			
15	0.12	3	1969			
16	T	T	1971			
17	0.70	18	1971			
18	0.94	24	1969			
19	0.36	9	1969			
20	0.38	10	1969			
21	0.05	1	1969			
22	1.18	30	1969			
23	0.56	14	1969			
24	1.71	43	1969			
25	1.89	48	1969			
26	0.09	2	1969			
27						
28	1.72	44	1970			
29						
30						
31						
Monthly	1.89	48	1969			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03154 STATION | CAMP PENDELTON, CALIFORNIA STATION NAME | 1967 1972 YEARS

MARCH MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.49	12	1970			
2	0.49	12	1970			
3	0.03	1	1967			
4	0.58	15	1970			
5	0.58	15	1970			
6						
7						
8						
9	0.06	2	1969			
10	0.19	5	1969			
11						
12	0.07	2	1969			
13	1.02	26	1967			
14	0.08	2	1967			
15						
16						
17	T	T	1967			
18						
19						
20						
21	0.27	7	1969			
22	0.27	7	1969			
23						
24						
25						
26	T	T	1970			
27						
28						
29	0.04	1	1967			
30	T	T	1970			
31	0.57	14	1967			
Monthly	1.02	26	1967			

APRIL MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.09	2	1967			
2	0.19	5	1967			
3						
4	0.02	1	1967			
5	T	T	1967			
6						
7	0.05	1	1967			
8						
9						
10	0.04	1	1967			
11	0.60	15	1967			
12	0.03	1	1967			
13	T	T	1967			
14	0.65	17	1971			
15	T	T	1967			
16						
17						
18	0.12	3	1967			
19	0.38	10	1967			
20	0.09	2	1967			
21	0.19	5	1967			
22	0.02	1	1967			
23						
24	0.04	1	1967			
25						
26	1.00	25	1971			
27	0.10	3	1970			
28	0.03	1	1967			
29	0.04	1	1967			
30						
31						
Monthly	1.00	25	1971			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

03154 STATION | CAMP PENDELTON, CALIFORNIA STATION NAME | 1967 1972 YEARS

MAY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4	0.01		1971			
5	0.13	3	1969			
6	0.16	4	1971			
7	0.10	3	1971			
8						
9	0.05	1	1967			
10	0.06	2	1967			
11						
12						
13	T	T	1969			
14	0.01		1971			
15						
16						
17						
18						
19						
20						
21	T	T	1969			
22						
23	T	T	1967			
24	T	T	1967			
25	T	T	1967			
26						
27	T	T	1971			
28						
29	0.06	2	1967			
30						
31	T	T	1967			
Monthly	0.16	4	1971			

JUNE MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2	T	T	1971			
3						
4	T	T	1970			
5	T	T	1969			
6						
7	T	T	1970			
8	T	T	1970			
9	0.04	1	1967			
10	0.02	1	1969			
11	0.03	1	1969			
12	0.01		1967			
13	T	T	1967			
14						
15						
16	T	T	1969*			
17	0.07	2	1969			
18						
19						
20						
21	T	T	1971*			
22	0.01		1969			
23	T	T	1969			
24	T	T	1969			
25						
26						
27						
28						
29						
30						
31						
Monthly	0.07	2	1969			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03154 — STATION
CAMP PENDELTON, CALIFORNIA — STATION NAME
1967 1972 — YEARS

JULY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1970			
2	T	T	1970*			
3	T	T	1969			
4						
5						
6						
7	T	T	1969			
8						
9						
10	T	T	1970			
11	0.05	1	1969			
12	T	T	1967			
13						
14						
15	T	T	1969			
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26	T	T	1967			
27						
28						
29						
30						
31						
Monthly	0.05	1	1969			

AUGUST — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3	T	T	1968			
4	T	T	1967			
5						
6						
7	T	T	1967			
8						
9						
10						
11						
12	T	T	1969			
13						
14						
15	T	T	1969*			
16						
17						
18						
19						
20	T	T	1968			
21						
22	T	T	1967			
23						
24						
25						
26	T	T	1969			
27						
28						
29						
30						
31	0.02	1	1967			
Monthly	0.02	1	1967			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03154 STATION | CAMP PENDELTON, CALIFORNIA STATION NAME | 1967 1973 YEARS

SEPTEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2	0.02	1	1967			
3						
4						
5	T	T	1967			
6						
7	T	T	1967			
8						
9						
10						
11	T	T	1968			
12	T	T	1968			
13						
14	T	T	1968			
15	T	T	1969			
16						
17	T	T	1971			
18						
19	T	T	1969*			
20						
21						
22						
23						
24						
25						
26	T	T	1969*			
27	0.13	3	1967			
28	T	T	1967			
29	0.02	1	1967			
30						
31						
Monthly	0.13	3	1967			

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3	0.01		1970			
4	T	T	1966			
5						
6	T	T	1970			
7	T	T	1970			
8						
9	T	T	1968			
10	0.45	11	1966			
11	0.02	1	1966			
12						
13						
14	T	T	1968			
15						
16						
17	0.05	1	1969			
18						
19						
20						
21	T	T	1969			
22						
23	T	T	1970			
24						
25						
26						
27						
28	T	T	1969			
29	T	T	1968			
30	0.19	5	1968			
31						
Monthly	0.45	11	1966			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03154 — STATION
CAMP PENDELTON, CALIFORNIA — STATION NAME
1966 1973 — YEARS

NOVEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4	T	T	1968			
5						
6	0.53	13	1969			
7	0.95	24	1966			
8	0.02	1	1966			
9						
10	0.28	7	1969			
11						
12						
13	0.22	6	1968			
14	T	T	1968			
15	0.93	24	1968			
16	0.05	1	1969			
17	T	T	1966			
18						
19						
20						
21	0.04	1	1966			
22						
23						
24						
25						
26						
27						
28						
29						
30	0.03	1	1968			
31						
Monthly	0.95	24	1966			

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1969*			
2	0.07	2	1970			
3						
4						
5						
6						
7						
8	T	T	1969			
9	0.40	10	1970			
10	0.04	1	1969			
11	0.13	3	1968			
12						
13						
14	0.20	5	1970			
15						
16	0.04	1	1968			
17	0.27	7	1970			
18	0.12	3	1970			
19	T	T	1968			
20	0.18	5	1968	T	T	1968
21	1.50	38	1970			
22	0.09	2	1970*			
23						
24						
25	0.35	9	1968			
26	0.27	7	1968			
27						
28						
29	T	T	1968			
30						
31						
Monthly	1.50	38	1970	T	T	1968

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

7767 5421 1977
124 DAILY AMOUNTS MAR 1978

NWSD, Federal Building

Asheville, N. C.

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to [redacted] specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 66-72 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		WNW 21	W 32	W 44	W 28	WNW 22	W 16	WNW 21	WSW 22				
68								W 26	SW 29	NW 30	N 28	WSW 33	
69	SSW 40	S 39	W 37	W 26		SW 23		W 23	W 18	WSW 17	N 27	N 30	
70		ENE 27	WNW 21							E 21			
71													
72													
73													
MEAN	40.0	29.0	30.0	35.0	28.0	22.5	16.0	23.3	23.0	22.7	27.5	31.5	
S. D.													
TOTAL OBS.	31	84	88	60	31	57	31	92	90	92	60	62	778

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										W 21 22	SE 35 20	W 27 21	WINDS DAYS
67	SSE 29 25									W 21 22	W 35 21	N 40 20	WINDS DAYS
68	WNW 18 22	NW 19 20	SE 30 21	0	0	0	0						WINDS DAYS
69					WSW 22 23		SW 21 24						WINDS DAYS
70	NE 20 27			WNW 23 26	W 17 23	W 16 24	W 17 22	W 18 26	E 20 23		W 12 18	SW 29 24	WINDS DAYS
71	ENE 21 23	32 24 22	27 25 23	25 18 22	22 23 19	27 16 22	23 18 20	26 18 19	25 17 21	06 20 19	26 17 17	02 28 20	WINDS DAYS
72	05 20 21	25 17 20											WINDS DAYS
73									0				WINDS DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

191739

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.5											4.5	3.0
NE		4.5										4.5	5.0
ENE													
E													
ESE													
SE		9.1										9.1	5.0
SSE													
S													
SSW													
SW													
WSW													
W	4.5											4.5	2.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	77.3	
	9.1	13.6										100.0	.9

TOTAL NUMBER OF OBSERVATIONS 22

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
74 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
04 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.8		4.8									9.5	5.0
NE	4.8											4.8	2.0
ENE		4.8										4.8	4.0
E													
ESE													
SE													
SSE													
S	4.8											4.8	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												76.2	
	14.3	4.8	4.8									100.0	.9

TOTAL NUMBER OF OBSERVATIONS 21

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74-75 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5											4.5	2.5
NNE			2.3									2.3	8.0
NE													
ENE													
E													
ESE		2.3										2.3	5.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	2.3											2.3	3.0
VARBL													
CALM												88.6	
	6.8	2.3	2.3									100.0	.5

TOTAL NUMBER OF OBSERVATIONS 44

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	2.4	2.4								7.1	7.5
NNE	1.2	4.8	1.2									7.1	5.3
NE	2.4											2.4	2.0
ENE		1.2										1.2	5.0
E	1.2	1.2										2.4	3.5
ESE													
SE	2.4			1.2								3.6	5.7
SSE													
S		1.2										1.2	6.0
SSW			1.2									1.2	7.0
SW	1.2											1.2	3.0
WSW													
W													
WNW													
NW		2.4										2.4	5.0
NNW		1.2		1.2								2.4	7.5
VARBL													
CALM												67.9	
	9.5	13.1	4.8	4.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 84

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.2								4.8	7.3
NNE	1.2		2.4									3.6	6.0
NE	1.2	2.4										3.6	3.3
ENE													
E	1.2	1.2										2.4	3.5
ESE	1.2	1.2										2.4	4.0
SE	1.2											1.2	3.0
SSE		4.8										4.8	5.0
S	3.6	15.5	8.3									27.4	5.7
SSW	3.6	8.3	8.3									20.2	6.2
SW		2.4	1.2									3.6	6.7
WSW	1.2	4.8	1.2									7.1	5.7
W		3.6	3.6	1.2								8.3	7.9
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.7	
	15.5	45.2	26.2	2.4								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 84

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4		1.2								4.9	5.8
NNE		2.4	1.2									3.7	6.7
NE		1.2										1.2	6.0
ENE													
E													
ESE		1.2										1.2	4.0
SE	1.2	2.4										3.7	4.0
SSE		1.2										1.2	4.0
S	3.7	14.6	4.9									23.2	5.2
SSW		9.8	6.1									15.9	6.4
SW	1.2	6.1	6.1									13.4	6.2
WSW	3.7	8.5										12.2	4.4
W	1.2	1.2	2.4									4.9	5.5
WNW		1.2										1.2	5.0
NW													
NNW													
VARBL													
CALM												13.4	
	12.2	52.4	20.7	1.2								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 82

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	6.3											6.3	3.0
NE	6.3											6.3	2.0
ENE													
E	6.3											6.3	2.0
ESE													
SE													
SSE				6.3								6.3	12.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	75.0	
	18.8			6.3								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 74 YEARS | JAN MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			6.3									6.3	10.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S		6.3										6.3	6.0
SSW													
SW													
WSW													
W													
WNW		6.3										6.3	4.0
NW													
NNW													
VARBL													
CALM												81.3	
		12.5	6.3									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.1	.8	1.1								4.3	6.4
NNE	1.4	1.6	1.9									4.9	5.8
NE	1.4	1.1										2.4	3.2
ENE		.5										.5	4.5
E	.8	.3										1.4	3.2
ESE	.3	.8										1.1	4.3
SE	1.1	1.1		.3								2.4	4.7
SSE		1.4		.3								1.6	6.0
S	1.9	7.3	3.0									12.2	5.4
SSW	.8	4.1	3.5									8.4	6.3
SW	.5	1.9	1.6									4.1	6.1
WSW	1.1	3.0	.3									4.3	4.9
W	.5	1.1	1.4	.3								3.3	6.6
WNW		.5										.5	4.5
NW		.5										.5	5.0
NNW	.3	.3		.3								.8	6.0
VARBL													
CALM												47.2	
	11.4	26.8	12.5	2.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 369

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		5.6										5.6	4.0
NNE	5.6	5.6										11.1	3.5
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	83.3	
	5.6	11.1										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 18

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.6	11.1										16.7	3.3
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												83.3	
	5.6	11.1										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 18

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74-75 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6		2.6									5.1	5.0
NNE	2.6											2.6	2.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW	2.6											2.6	2.0
NW													
NNW													
VARBL													
CALM												89.7	
	7.7		2.6									100.0	.4

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6		1.3		1.3							5.1	7.8
NNE	1.3											1.3	3.0
NE		2.6										2.6	5.0
ENE	1.3											1.3	3.0
E	3.8	2.6										6.4	3.0
ESE		1.3										1.3	4.0
SE	1.3	1.3	1.3									3.8	5.7
SSE	1.3											1.3	2.0
S	3.8											3.8	2.3
SSW	1.3	1.3	1.3									3.8	5.0
SW	3.8	2.6										6.4	3.4
WSW			2.6									2.6	7.5
W		1.3										1.3	4.0
WNW		1.3										1.3	4.0
NW													
NNW													
VARBL													
CALM												57.7	
	20.5	14.1	6.4		1.3							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 78

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE	1.3	2.6	1.3									5.1	5.5
NE													
ENE													
E		1.3										1.3	6.0
ESE													
SE		1.3										1.3	4.0
SSE	1.3	7.7	1.3									10.3	5.1
S	5.1	9.0	3.8	1.3								19.2	5.9
SSW		9.0	7.7									16.7	7.2
SW		1.3	11.5	1.3								14.1	7.8
WSW		2.6	2.6									5.1	6.5
W	1.3	5.1	2.6									9.0	6.0
WNW	1.3											1.3	3.0
NW													
NNW				1.3								1.3	15.0
VARBL													
CALM												14.1	
	11.5	39.7	30.8	3.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 78

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.3									1.3	10.0
NNE			1.3									1.3	8.0
NE													
ENE													
E		1.3										1.3	6.0
ESE		1.3										1.3	4.0
SE		1.3										1.3	4.0
SSE		3.8										3.8	4.7
S	1.3	15.4	12.8									29.5	6.5
SSW	3.8	11.5	3.8	1.3								20.5	5.4
SW		2.6	3.8									6.4	7.4
WSW	1.3	5.1	5.1									11.5	5.9
W	1.3	2.6	2.6									6.4	5.4
WNW		2.6	3.8									6.4	7.6
NW													
NNW				1.3								1.3	12.0
VARBL													
CALM												7.7	
	7.7	47.4	34.6	2.6								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 78

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	6.7	6.7									20.0	5.3
NNE	6.7											6.7	2.0
NE													
ENE													
E	6.7											6.7	2.0
ESE													
SE	6.7											6.7	3.0
SSE													
S													
SSW													
SW													
WSW													
W	6.7											6.7	2.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	53.3	
	33.3	6.7	6.7									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 15

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	13.3	6.7										20.0	3.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	6.7											6.7	2.0
VARBL													
CALM												73.3	
	20.0	6.7										100.0	.7

TOTAL NUMBER OF OBSERVATIONS 15

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.5	1.2		.3							5.3	5.1
NNE	1.5	.9	.6									2.9	4.4
NE		.6										.6	5.0
ENE	.3											.3	3.0
E	1.2	1.2										2.4	3.6
ESE		.6										.6	4.0
SE	.6	.9	.3									1.8	4.7
SSE	.6	2.7	.3									3.5	4.8
S	2.4	5.6	3.8	.3								12.1	6.0
SSW	1.2	5.0	2.9	.3								9.4	6.1
SW	.9	1.5	3.5	.3								6.2	6.7
WSW	.3	1.8	2.4									4.4	6.3
W	.9	2.1	1.2									4.1	5.4
WNW	.6	.9	.9									2.4	5.9
NW													
NNW	.3			.6								.9	9.7
VARBL													
CALM												43.1	
	13.0	25.1	17.1	1.5	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 339

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9											2.9	2.0
NNE													
NE													
ENE													
E													
ESE													
SE		2.9										2.9	4.0
SSE													
S													
SSW													
SW		2.9										2.9	5.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												91.2	
	2.9	5.9										100.0	.3

TOTAL NUMBER OF OBSERVATIONS 34

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9											2.9	3.0
NNE	2.9											2.9	2.0
NE	2.9	8.8										11.8	3.5
ENE													
E													
ESE													
SE		2.9										2.9	6.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW			2.9									2.9	10.0
NW													
NNW													
VARBL													
CALM												76.5	
	8.8	11.8	2.9									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 34

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.6										3.6	5.0
NNE													
NE													
ENE													
E													
ESE													
SE		1.8										1.8	4.0
SSE				1.8								1.8	11.0
S	1.8											1.8	3.0
SSW				1.8								1.8	15.0
SW													
WSW													
W	1.8											1.8	3.0
WNW													
NW													
NNW													
VARBL													
CALM												87.5	
	3.6	5.4		3.6								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2		1.2								3.5	6.7
NNE													
NE													
ENE													
E	3.5											3.5	2.3
ESE	1.2	1.2	1.2									3.5	5.3
SE	3.5	1.2	1.2									5.8	4.8
SSE	2.3	2.3										4.7	3.5
S	7.0	4.7	1.2	2.3								15.1	5.4
SSW	1.2	5.8	1.2									8.1	5.7
SW	1.2	1.2	1.2									3.5	5.3
WSW	1.2	3.5										4.7	4.3
W	1.2	1.2										2.3	3.0
WNW													
NW													
NNW													
VARBL													
CALM												45.3	
	23.3	22.1	5.8	3.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 86

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2										1.2	6.0
NNE													
NE													
ENE													
E	1.2		1.2									2.4	5.0
ESE		1.2										1.2	6.0
SE		1.2										1.2	4.0
SSE		1.2	2.4									3.5	5.3
S		14.1	14.1	1.2								29.4	7.4
SSW		20.0	10.6	3.5								34.1	6.9
SW		4.7	5.9	2.4								12.9	8.4
WSW		2.4	7.1	1.2								10.6	8.4
W			1.2									1.2	9.0
WNW													
NW													
NNW													
VARBL													
CALM												2.4	
	1.2	45.9	42.4	8.2								100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 85

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE			1.2									1.2	8.0
SE			1.2									1.2	8.0
SSE	1.2	3.6										4.8	3.8
S		15.5	10.7									26.2	6.3
SSW	1.2	11.9	8.3	1.2								22.6	6.7
SW	1.2	4.8	8.3									14.3	6.8
WSW	2.4	6.0	7.1	1.2								16.7	6.9
W	1.2		1.2	1.2								3.6	8.0
WNW		1.2										1.2	5.0
NW		1.2										1.2	4.0
NNW													
VARBL													
CALM												7.1	
	7.1	44.0	38.1	3.6								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 84

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E		7.1										7.1	5.0
ESE	14.3											14.3	2.0
SE													
SSE													
S	7.1											7.1	2.0
SSW													
SW		7.1										7.1	6.0
WSW	7.1		7.1									14.3	4.5
W	7.1											7.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	42.9	
	35.7	14.3	7.1									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 14

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.1											9.1	2.0
NNE													
NE		9.1										9.1	4.0
ENE													
E													
ESE													
SE													
SSE	9.1											9.1	2.0
S			9.1									9.1	10.0
SSW													
SW													
WSW													
W	9.1											9.1	2.0
WNW													
NW													
NNW	9.1											9.1	2.0
VARBL													
CALM												45.5	
	36.4	9.1	9.1									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 11

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0		.2								2.2	4.8
NNE	.2											.2	2.0
NE	.2	1.0										1.2	3.6
ENE													
E	1.0	.2	.2									1.5	3.7
ESE	.7	.5	.5									1.7	4.9
SE	.7	1.2	.5									2.5	5.0
SSE	1.0	1.5	.5	.2								3.2	5.2
S	2.0	7.2	5.7	.7								15.6	6.5
SSW	.5	7.9	4.2	1.2								13.9	6.8
SW	.5	2.7	3.2	.5								6.9	7.1
WSW	1.0	2.5	3.2	.5								7.2	6.9
W	1.2	.2	.5	.2								2.2	5.1
WNW		.2	.2									.5	7.5
NW		.2										.2	4.0
NNW	.2											.2	2.0
VARBL													
CALM												40.6	
	10.4	26.5	18.8	3.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 404

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-74 — YEARS
APR — MONTH
ALL WEATHER — CLASS
01 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.4											5.4	3.0
NNE													
NE		2.7										2.7	4.0
ENE													
E													
ESE													
SE		2.7										2.7	4.0
SSE													
S													
SSW				2.7								2.7	16.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												86.5	
	5.4	5.4		2.7								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 37

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6											2.6	2.0
NNE	5.1											5.1	2.5
NE													
ENE													
E													
ESE		2.6										2.6	5.0
SE													
SSE													
S													
SSW													
SW				2.6								2.6	13.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												87.2	
	7.7	2.6		2.6								100.0	.6

TOTAL NUMBER OF OBSERVATIONS 39

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
APR — MONTH
ALL WEATHER — CLASS
07 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.9											11.9	2.4
NNE	1.7	1.7										3.4	3.0
NE													
ENE													
E		1.7										1.7	5.0
ESE													
SE													
SSE													
S													
SSW		1.7										1.7	5.0
SW		1.7	1.7									3.4	6.5
WSW													
W													
WNW													
NW													
NNW	1.7											1.7	2.0
VARBL													
CALM												76.3	
	15.3	6.8	1.7									100.0	.8

TOTAL NUMBER OF OBSERVATIONS 59

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.5											1.5	2.0
NE		1.5	1.5									3.1	6.5
ENE													
E	1.5											1.5	3.0
ESE		1.5										1.5	4.0
SE	1.5											1.5	2.0
SSE	3.1		1.5									4.6	4.7
S	3.1	21.5	7.7									32.3	5.6
SSW		12.3	4.6	3.1								20.0	6.6
SW	1.5	1.5	3.1									6.2	6.5
WSW		3.1	1.5	1.5								6.2	7.5
W													
WNW													
NW													
NNW	1.5	1.5										3.1	3.5
VARBL													
CALM												18.5	
	13.8	43.1	20.0	4.6								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			1.5									1.5	10.0
NE													
ENE		1.5										1.5	4.0
E													
ESE													
SE													
SSE													
S	1.5	10.8	15.4	3.1								30.8	7.3
SSW		7.7	20.0	3.1								30.8	8.1
SW		4.6	12.3	1.5								18.5	8.3
WSW			6.2	4.6								10.8	10.7
W	1.5		1.5									3.1	6.5
WNW													
NW													
NNW													
VARBL													
CALM												3.1	
	3.1	24.6	56.9	12.3								100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 65

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.6									1.6	9.0
NNE			1.6									1.6	8.0
NE													
ENE													
E													
ESE													
SE													
SSE			1.6									1.6	7.0
S	1.6	6.3	9.5	1.6								19.0	7.3
SSW		14.3	19.0	4.8								38.1	7.7
SW		3.2	14.3	1.6								19.0	8.1
WSW		1.6	9.5	1.6								12.7	9.6
W		3.2	3.2									6.3	6.8
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	1.6	28.6	60.3	9.5								100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	3.7	7.4										11.1	3.3
S	7.4	3.7										11.1	3.3
SSW	7.4	3.7										11.1	3.3
SW													
WSW			3.7									3.7	8.0
W	3.7											3.7	2.0
WNW													
NW													
NNW													
VARBL													
CALM												59.3	
	22.2	14.8	3.7									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 27

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	3.6										10.7	3.7
NNE	3.6	3.6										7.1	3.5
NE		3.6										3.6	5.0
ENE													
E													
ESE													
SE													
SSE													
S		3.6										3.6	6.0
SSW													
SW													
WSW	3.6											3.6	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												71.4	
	14.3	14.3										100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 28

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	.3	.3									3.7	3.2
NNE	1.3	.5	.5									2.3	4.2
NE		.8	.3									1.0	5.5
ENE		.3										.3	4.0
E	.3	.3										.5	4.0
ESE		.5										.5	4.5
SE	.3	.3										.5	3.0
SSE	.8	.5	.5									1.8	4.4
S	1.6	7.0	5.5	.8								14.9	6.5
SSW	.5	6.3	7.3	2.1								16.2	7.5
SW	.3	1.8	5.2	.8								8.1	8.0
WSW	.3	.8	3.1	1.3								5.5	9.1
W	.5	.5	.8									1.8	6.0
WNW													
NW													
NNW	.5	.3										.8	3.0
VARBL													
CALM												42.0	
	9.4	20.1	23.5	5.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 383

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.5											6.5	3.0
NNE	3.2											3.2	2.0
NE													
ENE													
E	6.5											6.5	2.5
ESE		3.2										3.2	4.0
SE													
SSE	3.2											3.2	2.0
S		3.2										3.2	5.0
SSW	3.2											3.2	1.0
SW													
WSW													
W													
WNW													
NW													
NNW	3.2											3.2	1.0
VARBL													
CALM												67.7	
	25.8	6.5										100.0	.8

TOTAL NUMBER OF OBSERVATIONS 31

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2											3.2	3.0
NNE													
NE													
ENE													
E	3.2	3.2										6.5	3.0
ESE													
SE	3.2											3.2	2.0
SSE		3.2										3.2	4.0
S	3.2											3.2	1.0
SSW	6.5											6.5	2.0
SW													
WSW													
W													
WNW													
NW		3.2										3.2	4.0
NNW													
VARBL													
CALM												71.0	
	19.4	9.7										100.0	.8

TOTAL NUMBER OF OBSERVATIONS 31

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5										3.0	3.5
NNE	3.0	1.5										4.5	2.7
NE	1.5											1.5	1.0
ENE		1.5										1.5	4.0
E	1.5											1.5	3.0
ESE													
SE		1.5										1.5	5.0
SSE	1.5											1.5	2.0
S	1.5		1.5									3.0	5.0
SSW	1.5											1.5	2.0
SW				1.5								1.5	11.0
WSW													
W													
WNW	1.5											1.5	3.0
NW	3.0											3.0	1.5
NNW	1.5											1.5	2.0
VARBL													
CALM												72.7	
	18.2	6.1	1.5	1.5								100.0	.9

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	1.5											1.5	3.0
ENE													
E													
ESE	1.5											1.5	3.0
SE	5.9											5.9	2.5
SSE	2.9	1.5	1.5									5.9	4.8
S	4.4	14.7	4.4	1.5								25.0	5.3
SSW		19.1	4.4									23.5	5.8
SW	1.5	7.4	2.9									11.8	5.5
WSW	4.4	4.4										8.8	4.0
W		1.5										1.5	4.0
WNW	1.5											1.5	2.0
NW													
NNW													
VARBL													
CALM												13.2	
	23.5	48.5	13.2	1.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 68

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		1.5										1.5	5.0
S	1.5	12.3	15.4	1.5								30.8	6.7
SSW	1.5	10.8	29.2	4.6								46.2	7.6
SW		4.6	9.2	1.5								15.4	8.6
WSW		1.5	1.5	1.5								4.6	9.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.5	
	3.1	30.8	55.4	9.2								100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			3.1									3.1	7.5
S	3.1	12.5	10.9									26.6	6.3
SSW	1.6	15.6	26.6									43.8	7.1
SW		7.8	12.5									20.3	7.4
WSW		3.1	1.6									4.7	7.0
W		1.6										1.6	4.0
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	4.7	40.6	54.7									100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	5.3											5.3	2.0
ESE													
SE													
SSE	5.3											5.3	3.0
S	10.5	21.1										31.6	4.0
SSW	10.5	15.8										26.3	3.4
SW		5.3										5.3	5.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	26.3	
	31.6	42.1										100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 19

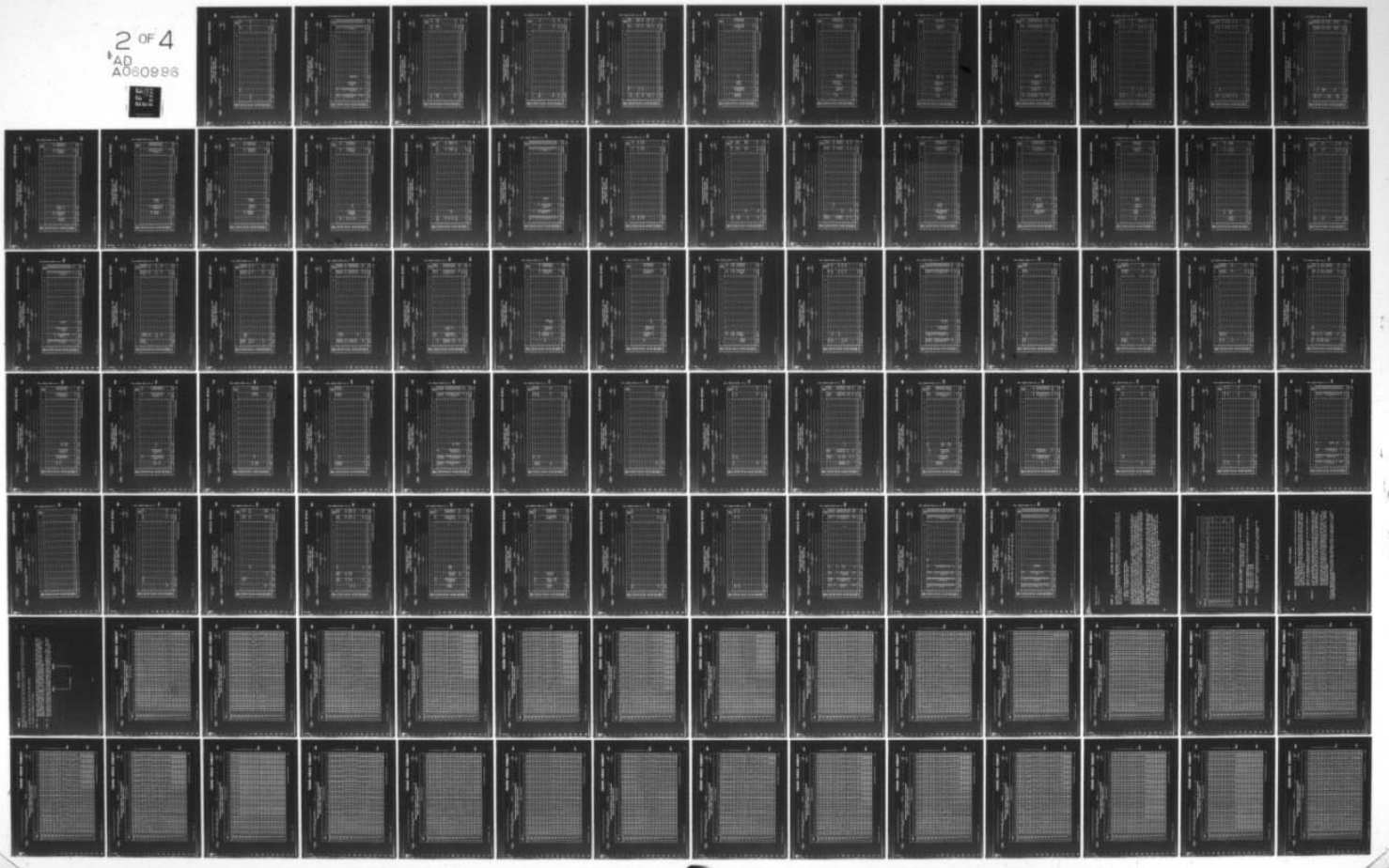
5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

AD-A060 996 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CAMP PE--ETC(U)
JUN 78

UNCLASSIFIED NL

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 74 YEARS | MAY MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		7.7										7.7	4.0
NNE													
NE													
ENE													
E													
ESE													
SE	15.4											15.4	2.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												76.9	
	15.4	7.7										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 13

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6										1.7	3.3
NNE	.8	.3										1.1	2.5
NE	.6											.6	2.0
ENE		.3										.3	4.0
E	1.4	.3										1.7	2.7
ESE	.3	.3										.6	3.5
SE	2.0	.3										2.2	2.6
SSE	1.4	.8	.8									3.1	4.5
S	2.8	8.7	5.9	.6								17.9	5.8
SSW	2.2	9.2	10.9	.8								23.2	6.5
SW	.3	3.9	4.5	.6								9.2	7.3
WSW	.8	1.7	.6	.3								3.4	6.0
W		.6										.6	4.0
WNW	.6											.6	2.5
NW	.6	.3										.8	2.3
NNW	.6											.6	1.5
VARBL													
CALM												32.5	
	15.4	27.2	22.7	2.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 357

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	11.1											11.1	2.5
NE													
ENE													
E	5.6											5.6	3.0
ESE	5.6											5.6	2.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	5.6											5.6	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	72.2	
	27.8											100.0	.7

TOTAL NUMBER OF OBSERVATIONS 18

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	11.1											11.1	2.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W	5.6											5.6	2.0
WNW													
NW													
NNW	11.1											11.1	2.0
VARBL													
CALM												72.2	
	27.8											100.0	.6

TOTAL NUMBER OF OBSERVATIONS 18

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7										1.7	4.0
NNE	3.4											3.4	2.0
NE													
ENE													
E													
ESE	1.7											1.7	2.0
SE		1.7										1.7	5.0
SSE													
S	5.1	1.7										6.8	2.8
SSW													
SW													
WSW	1.7											1.7	2.0
W	5.1											5.1	1.7
WNW													
NW	1.7											1.7	2.0
NNW													
VARBL													
CALM												76.3	
	18.6	5.1										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 59

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	4.8	4.8										9.7	3.5
SSE	3.2	3.2	1.6									8.1	4.6
S	8.1	27.4	11.3	1.6								48.4	5.4
SSW	3.2	11.3	4.8									19.4	5.3
SW		3.2										3.2	5.0
WSW		1.6										1.6	4.0
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.7	
	19.4	51.6	17.7	1.6								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			1.6									1.6	8.0
SSE	1.6		6.6									8.2	6.8
S	1.6	18.0	21.3	1.6								42.6	7.0
SSW		6.6	18.0	4.9								29.5	8.6
SW		1.6	11.5	1.6								14.8	8.2
WSW		1.6		1.6								3.3	8.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	3.3	27.9	59.0	9.8								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 61

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		3.3	3.3									6.6	7.0
S	1.6	14.8	27.9	1.6								45.9	7.3
SSW	3.3	3.3	24.6	3.3								34.4	8.0
SW		8.2	1.6									9.8	5.7
WSW			1.6	1.6								3.3	9.5
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	4.9	29.5	59.0	6.6								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4										.4	4.0
NNE	1.4											1.4	2.3
NE													
ENE													
E	1.1											1.1	2.3
ESE	.7											.7	2.0
SE	1.1	1.4	.4									2.9	4.3
SSE	1.1	1.4	2.5									5.0	6.1
S	3.6	13.6	13.3	1.1								31.5	6.4
SSW	1.4	4.7	10.4	1.8								18.3	7.6
SW		2.9	2.9	.4								6.1	6.9
WSW	.4	.7	.4	.7								2.2	6.8
W	1.4											1.4	1.8
WNW													
NW	.4											.4	2.0
NNW	1.1											1.1	2.3
VARBL													
CALM												27.6	
	13.6	25.1	29.7	3.9								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 279

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73 YEARS | JUL MONTH

ALL WEATHER CLASS | 01 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.7											8.7	2.0
NNE													
NE	4.3											4.3	2.0
ENE													
E													
ESE													
SE													
SSE		4.3										4.3	5.0
S													
SSW													
SW													
WSW	4.3											4.3	2.0
W		4.3										4.3	4.0
WNW	4.3											4.3	2.0
NW													
NNW	4.3											4.3	2.0
VARBL													
CALM												65.2	
	26.1	8.7										100.0	.9

TOTAL NUMBER OF OBSERVATIONS 23

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.7											8.7	2.5
NNE	4.3											4.3	2.0
NE		4.3										4.3	4.0
ENE													
E	8.7											8.7	2.0
ESE													
SE	4.3											4.3	2.0
SSE	4.3											4.3	2.0
S	4.3											4.3	2.0
SSW													
SW	4.3											4.3	3.0
WSW													
W	4.3											4.3	3.0
WNW													
NW													
NNW													
VARBL													
CALM												52.2	
	43.5	4.3										100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 23

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154	CAMP PENDLETON, CALIFORNIA	73-75	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0											3.0	2.5
NNE	3.0											3.0	2.0
NE		1.5										1.5	4.0
ENE	1.5											1.5	2.0
E													
ESE		1.5										1.5	5.0
SE		1.5										1.5	5.0
SSE													
S	1.5											1.5	2.0
SSW	3.0											3.0	2.0
SW													
WSW													
W		1.5										1.5	4.0
WNW	3.0											3.0	1.5
NW	1.5											1.5	1.0
NNW													
VARBL													
CALM												77.6	
	16.4	6.0										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 67

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE		3.0										3.0	4.0
SE													
SSE		3.0	1.5									4.5	5.3
S	4.5	17.9	10.4									32.8	5.8
SSW	4.5	14.9	14.9									34.3	6.0
SW	1.5	9.0										10.4	4.4
WSW	3.0	1.5	1.5									6.0	4.8
W													
WNW													
NW													
NNW													
VARBL													
CALM												9.0	
	13.4	49.3	28.4									100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 67

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE			1.5									1.5	8.0
SE		3.0										3.0	5.0
SSE			1.5									1.5	7.0
S		9.0	22.4	1.5								32.8	8.0
SSW		3.0	34.3	3.0								40.3	9.0
SW		1.5	10.4	1.5								13.4	8.9
WSW			6.0									6.0	7.5
W			1.5									1.5	10.0
WNW													
NW													
NNW													
VARBL													
CALM												.0	
		16.4	77.6	6.0								100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 67

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE		1.5										1.5	6.0
SE													
SSE		4.6										4.6	4.7
S		10.8	23.1	1.5								35.4	7.5
SSW		15.4	21.5	4.6								41.5	7.7
SW		1.5	9.2	1.5								12.3	8.1
WSW			4.6									4.6	8.7
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
		33.8	58.5	7.7								100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	5.0											5.0	2.0
ENE													
E													
ESE													
SE	5.0											5.0	3.0
SSE		5.0										5.0	4.0
S	5.0	20.0										25.0	4.0
SSW		25.0	5.0									30.0	5.7
SW	5.0	20.0										25.0	4.2
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.0	
	20.0	70.0	5.0									100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 20

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.0											10.0	2.0
NNE													
NE													
ENE													
E													
ESE	5.0											5.0	3.0
SE													
SSE	5.0											5.0	3.0
S		5.0										5.0	4.0
SSW	5.0											5.0	1.0
SW													
WSW	10.0											10.0	2.5
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	60.0	
	35.0	5.0										100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 20

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3											2.3	2.3
NNE	.9											.9	2.0
NE	.6	.6										1.1	3.0
ENE	.3											.3	2.0
E	.6											.6	2.0
ESE	.3	1.1	.3									1.7	5.0
SE	.6	.9										1.4	4.0
SSE	.6	2.0	.6									3.1	4.6
S	1.7	8.5	10.5	.6								21.3	6.7
SSW	1.7	7.7	13.6	1.4								24.4	7.3
SW	.9	3.4	3.7	.6								8.5	6.7
WSW	1.4	.3	2.3									4.0	5.9
W	.3	.6	.3									1.1	5.3
WNW	.9											.9	1.7
NW	.3											.3	1.0
NNW	.3											.3	2.0
VARBL													
CALM												27.8	
	13.4	25.0	31.2	2.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 352

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.3											4.3	2.0
NE													
ENE													
E	4.3											4.3	2.0
ESE													
SE	4.3											4.3	3.0
SSE	4.3											4.3	2.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												82.6	
	17.4											100.0	.4

TOTAL NUMBER OF OBSERVATIONS 23

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3											4.3	2.0
NNE													
NE													
ENE	4.3											4.3	2.0
E	4.3											4.3	2.0
ESE													
SE													
SSE													
S		4.3										4.3	4.0
SSW	4.3											4.3	3.0
SW													
WSW													
W													
WNW													
NW													
NNW	8.7	4.3										13.0	3.0
VARBL													
CALM												65.2	
	26.1	8.7										100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 23

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5											4.5	2.0
NNE	3.0											3.0	2.0
NE	1.5											1.5	3.0
ENE													
E													
ESE			1.5									1.5	10.0
SE													
SSE	3.0											3.0	1.5
S	1.5											1.5	2.0
SSW	3.0											3.0	2.5
SW	1.5	1.5										3.0	2.5
WSW													
W													
WNW	1.5											1.5	2.0
NW													
NNW	1.5	1.5										3.0	3.0
VARBL													
CALM												74.2	
	21.2	3.0	1.5									100.0	.7

TOTAL NUMBER OF OBSERVATIONS 66

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		1.6										1.6	4.0
SSE	1.6	9.4	3.1									14.1	5.2
S	1.6	14.1	3.1									18.8	5.3
SSW	4.7	20.3	7.8									32.8	5.5
SW	4.7	4.7										9.4	3.7
WSW	3.1	3.1										6.3	4.5
W		1.6										1.6	4.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.6	
	15.6	54.7	14.1									100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 64

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			4.8									4.8	9.7
SSE		1.6										1.6	6.0
S		14.3	20.6	3.2								38.1	7.7
SSW		12.7	22.2									34.9	7.7
SW		1.6	11.1	1.6								14.3	8.9
WSW		1.6	3.2									4.8	7.3
W		1.6										1.6	6.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
		33.3	61.9	4.8								100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		2.1										2.1	4.0
S	2.1	21.3	17.0	2.1								42.6	6.7
SSW		8.5	27.7	6.4								42.6	8.3
SW			6.4	4.3								10.6	10.2
WSW			2.1									2.1	8.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	2.1	31.9	53.2	12.8								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 47

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E		5.9										5.9	4.0
ESE													
SE													
SSE	11.8	5.9										17.6	3.0
S	17.6	17.6										35.3	3.3
SSW	11.8											11.8	2.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												29.4	
	41.2	29.4										100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03134 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9											5.9	2.0
NNE													
NE													
ENE													
E													
ESE	5.9											5.9	3.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW	11.8											11.8	2.0
NW													
NNW	5.9											5.9	3.0
VARBL													
CALM												70.6	
	29.4											100.0	.7

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6											1.6	2.0
NNE	.9											.9	2.0
NE	.3											.3	3.0
ENE	.3											.3	2.0
E	.6	.3										.9	2.7
ESE	.3		.3									.6	6.5
SE	.3	.3	.9									1.6	7.2
SSE	1.9	2.8	.6									5.3	4.2
S	1.9	10.0	7.2	.9								20.0	6.4
SSW	2.5	7.8	10.0	.9								21.3	6.8
SW	1.3	1.6	3.1	.9								6.9	7.2
WSW	.6	.9	.9									2.5	6.0
W		.6										.6	5.0
WNW	.9											.9	2.0
NW													
NNW	1.3	.6										1.9	3.0
VARBL													
CALM												34.4	
	14.7	25.0	23.1	2.8								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 320

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9											5.9	2.0
NNE	5.9	5.9										11.8	3.0
NE	11.8	5.9										17.6	3.3
ENE		5.9										5.9	4.0
E													
ESE		5.9										5.9	4.0
SE													
SSE													
S													
SSW		11.8										11.8	4.0
SW													
WSW													
W		5.9										5.9	4.0
WNW													
NW													
NNW													
VARBL													
CALM												35.3	
	23.5	41.2										100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 17

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.8											11.8	2.0
NNE	5.9											5.9	3.0
NE	5.9	11.8										17.6	3.3
ENE		5.9										5.9	4.0
E													
ESE	11.8											11.8	2.0
SE													
SSE	5.9											5.9	3.0
S													
SSW													
SW													
WSW													
W													
WNW	5.9											5.9	1.0
NW													
NNW													
VARBL													
CALM												35.3	
	47.1	17.6										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 17

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0											5.0	2.7
NNE	3.3	1.7										5.0	2.7
NE	1.7	3.3										5.0	3.0
ENE	1.7	1.7										3.3	4.0
E													
ESE	1.7											1.7	1.0
SE													
SSE	1.7											1.7	1.0
S	6.7											6.7	1.8
SSW	1.7											1.7	2.0
SW	1.7											1.7	2.0
WSW	1.7											1.7	3.0
W		1.7										1.7	6.0
WNW													
NW													
NNW	5.0											5.0	2.0
VARBL													
CALM												60.0	
	31.7	8.3										100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7										1.7	5.0
NNE		1.7										1.7	5.0
NE	1.7											1.7	2.0
ENE													
E													
ESE													
SE	5.0											5.0	2.3
SSE	6.7	5.0	1.7									13.3	3.5
S	6.7	10.0	3.3									20.0	4.8
SSW	5.0	6.7	5.0									16.7	5.2
SW		5.0										5.0	4.3
WSW	1.7	3.3	1.7									6.7	5.3
W	1.7	1.7										3.3	3.5
WNW													
NW													
NNW	1.7											1.7	2.0
VARBL													
CALM												23.3	
	30.0	35.0	11.7									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE		1.8										1.8	4.0
SE													
SSE		1.8										1.8	6.0
S	7.0	12.3	24.6									43.9	6.7
SSW		1.8	21.1	1.8								24.6	8.5
SW		3.5	5.3	3.5								12.3	8.9
WSW			5.3	3.5								8.8	10.6
W		1.8	1.8	3.5								7.0	9.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	7.0	22.8	57.9	12.3								100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 57

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	1.9	9.6										11.5	4.8
S		15.4	19.2									34.6	7.1
SSW		13.5	11.5									25.0	6.5
SW		5.8	7.7									13.5	7.3
WSW			7.7	1.9								9.6	9.6
W		1.9	3.8									5.8	7.7
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	1.9	46.2	50.0	1.9								100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 52

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		8.3										8.3	5.0
NE													
ENE													
E		8.3										8.3	4.0
ESE		8.3										8.3	4.0
SE													
SSE		8.3										8.3	4.0
S		8.3										8.3	4.0
SSW	8.3	8.3										16.7	2.5
SW	8.3	16.7										25.0	3.7
WSW	8.3											8.3	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.3	
	25.0	66.7										100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 12

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8.3											8.3	2.0
NNE													
NE	8.3	8.3										16.7	3.0
ENE													
E													
ESE													
SE		8.3										8.3	4.0
SSE													
S	16.7											16.7	2.5
SSW													
SW	8.3											8.3	2.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												41.7	
	41.7	16.7										100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 12

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	.3										2.8	2.6
NNE	1.4	1.4										2.8	3.4
NE	2.1	2.1										4.2	3.1
ENE	.3	1.0										1.4	4.0
E		.3										.3	4.0
ESE	1.0	1.0										2.1	2.8
SE	1.0	.3										1.4	2.8
SSE	2.4	3.5	.3									6.3	3.9
S	4.9	7.7	9.1									21.6	6.0
SSW	1.7	5.2	7.3	.3								14.6	6.5
SW	1.0	3.5	2.4	.7								7.7	6.4
WSW	1.0	.7	2.8	1.0								5.6	7.9
W	.3	1.7	1.0	.7								3.8	6.9
WNW	.3											.3	1.0
NW													
NNW	1.4											1.4	2.0
VARBL													
CALM												23.7	
	21.6	28.9	23.0	2.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 287

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8											4.8	3.0
NNE	4.8											4.8	3.0
NE		4.8										4.8	4.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	85.7	
	9.5	4.8										100.0	.5

TOTAL NUMBER OF OBSERVATIONS 21

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0											5.0	2.0
NNE	5.0											5.0	2.0
NE	10.0											10.0	2.0
ENE		5.0										5.0	4.0
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W	5.0											5.0	2.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	70.0	
	25.0	5.0										100.0	.7

TOTAL NUMBER OF OBSERVATIONS 20

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03134 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	3.4										8.6	3.6
NNE		3.4										3.4	5.5
NE	1.7	1.7										3.4	3.0
ENE		1.7										1.7	4.0
E													
ESE													
SE													
SSE	1.7											1.7	3.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		1.7										1.7	6.0
VARBL													
CALM												79.3	
	8.6	12.1										100.0	.8

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	1.6									4.8	4.7
NNE		3.2										3.2	5.0
NE													
ENE	1.6	1.6										3.2	4.0
E													
ESE	1.6	1.6										3.2	4.5
SE	1.6											1.6	2.0
SSE													
S	9.7	9.7										19.4	3.8
SSW	3.2	1.6										4.8	3.7
SW		3.2										3.2	4.0
WSW		4.8										4.8	4.0
W													
WNW													
NW													
NNW		1.6										1.6	4.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	50.0	
	19.4	29.0	1.6									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	1.6	1.6										3.3	3.5
SSE		1.6										1.6	5.0
S	1.6	13.1	8.2									23.0	6.2
SSW		3.3	19.7	1.6								24.6	8.3
SW		8.2	14.8									23.0	7.7
WSW		6.6	4.9	1.6								13.1	7.8
W		1.6	4.9	3.3								9.8	9.3
WNW													
NW													
NNW													
VARBL													
CALM												1.6	
	3.3	36.1	52.5	6.6								100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		1.6										1.6	4.0
NE													
ENE													
E													
ESE													
SE													
SSE		4.9	1.6									6.6	5.3
S	1.6	11.5	6.6									19.7	6.3
SSW	1.6	19.7	11.5	1.6								34.4	6.6
SW		8.2	9.8									18.0	7.2
WSW	1.6	4.9	3.3									9.8	5.8
W		3.3	3.3									6.6	7.8
WNW		1.6										1.6	4.0
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.6	
	4.9	55.7	36.1	1.6								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
19 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	6.3											6.3	2.0
SSW		6.3										6.3	4.0
SW	6.3											6.3	2.0
WSW	6.3											6.3	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	75.0	
	18.8	6.3										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.3											6.3	3.0
NNE	6.3											6.3	3.0
NE	12.5	6.3										18.8	3.3
ENE	6.3											6.3	3.0
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	62.5	
	31.3	6.3										100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.3									3.5	3.6
NNE	1.0	1.6										2.5	4.1
NE	1.6	1.0										2.5	3.0
ENE	.6	1.0										1.6	3.8
E													
ESE	.3	.3										.6	4.5
SE	.6	.3										1.0	3.0
SSE	.3	1.3	.3									1.9	4.8
S	2.9	6.7	2.9									12.4	5.4
SSW	1.0	5.1	6.0	.6								12.7	7.0
SW	.3	3.8	4.8									8.9	7.0
WSW	.6	3.2	1.6	.3								5.7	6.2
W	.3	1.0	1.6	.6								3.5	8.1
WNW		.3										.3	4.0
NW													
NNW		.6										.6	5.0
VARBL													
CALM												42.2	
	11.7	27.0	17.5	1.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 315

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		6.3										6.3	5.0
NNE	6.3											6.3	3.0
NE	6.3											6.3	3.0
ENE	6.3	6.3										12.5	3.5
E													
ESE													
SE													
SSE													
S													
SSW													
SW	6.3											6.3	2.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	62.5	
	25.0	12.5										100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 16

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	6.3											6.3	2.0
VARBL													
CALM												93.8	
	6.3											100.0	.1

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.5										5.0	4.5
NNE													
NE		5.0										5.0	4.5
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	2.5											2.5	2.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	87.5	
	5.0	7.5										100.0	.5

TOTAL NUMBER OF OBSERVATIONS 40

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.7									3.3	7.5
NNE		6.7	3.3									10.0	6.2
NE		1.7										1.7	6.0
ENE													
E													
ESE													
SE			3.3									3.3	9.0
SSE	3.3	5.0	1.7									10.0	4.5
S	5.0		3.3									8.3	4.8
SSW	3.3	1.7	1.7									6.7	4.3
SW	3.3	1.7	1.7	1.7								8.3	6.2
WSW													
W	1.7		1.7									3.3	5.0
WNW		1.7										1.7	6.0
NW													
NNW		1.7	1.7									3.3	7.5
VARBL													
CALM												40.0	
	16.7	21.7	20.0	1.7								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				1.8								1.8	16.0
NNE			1.8									1.8	7.0
NE													
ENE													
E													
ESE	1.8											1.8	3.0
SE	1.8											1.8	2.0
SSE	1.8	5.4										7.1	4.0
S	1.8	10.7	14.3	1.8								28.6	7.0
SSW		12.5	10.7	3.6								26.8	7.1
SW		7.1	7.1									14.3	7.3
WSW		5.4	1.8									7.1	5.5
W			3.6	1.8								5.4	9.0
WNW				1.8								1.8	12.0
NW													
NNW													
VARBL													
CALM												1.8	
	7.1	41.1	39.3	10.7								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E		1.9										1.9	6.0
ESE													
SE		3.7	1.9									5.6	5.0
SSE		1.9	1.9									3.7	7.0
S		27.8	3.7									31.5	5.4
SSW	3.7	5.6	9.3									18.5	6.2
SW		3.7	3.7									7.4	6.3
WSW		11.1	7.4									18.5	6.0
W		1.9										1.9	6.0
WNW		1.9										1.9	4.0
NW													
NNW			1.9									1.9	10.0
VARBL													
CALM												7.4	
	3.7	59.3	29.6									100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 54

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154	CAMP PENDLETON, CALIFORNIA	73	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		8.3										8.3	4.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W	8.3											8.3	3.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	83.3	
	8.3	8.3										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	8.3											8.3	3.0
NE													
ENE	8.3											8.3	2.0
E													
ESE													
SE													
SSE													
S													
SSW	8.3	8.3										16.7	3.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	66.7	
	25.0	8.3										100.0	.9

TOTAL NUMBER OF OBSERVATIONS 12

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.4	.4								2.3	7.5
NNE	.8	1.9	1.1									3.8	5.4
NE	.4	1.1										1.5	4.5
ENE	.8	.4										1.1	3.0
E		.4										.4	6.0
ESE	.4											.4	3.0
SE	.4	.8	1.1									2.3	5.8
SSE	1.1	2.6	.8									4.5	4.8
S	1.5	7.9	4.5	.4								14.3	6.0
SSW	1.9	4.5	4.5	.8								11.7	6.2
SW	1.1	2.6	2.6	.4								6.8	6.4
WSW		3.4	1.9									5.3	5.9
W	.8	.4	1.1	.4								2.6	6.6
WNW		.8		.4								1.1	7.3
NW	.4											.4	2.0
NNW	.4	.4	.8									1.5	6.8
VARBL													
CALM												40.2	
	10.2	28.2	18.8	2.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 266

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		11.8										11.8	4.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	5.9											5.9	2.0
NNW													
VARBL													
CALM												82.4	
	5.9	11.8										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		5.6										5.6	4.0
NE		2.8										2.8	4.0
ENE													
E													
ESE				2.8								2.8	12.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	2.8											2.8	2.0
NNW			2.8									2.8	8.0
VARBL													
CALM												83.3	
	2.8	8.3	2.8	2.8								100.0	.9

TOTAL NUMBER OF OBSERVATIONS 36

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.3	3.3	1.7								8.3	7.4
NNE		6.7	3.3									10.0	6.5
NE													
ENE													
E													
ESE		1.7	1.7									3.3	6.0
SE													
SSE		1.7	1.7									3.3	6.0
S	3.3	1.7	1.7									6.7	5.0
SSW													
SW	1.7											1.7	2.0
WSW													
W													
WNW													
NW													
NNW		1.7		1.7								3.3	9.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	63.3	
	5.0	16.7	11.7	3.3								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.8										1.8	6.0
NNE													
NE													
ENE													
E													
ESE													
SE		1.8										1.8	4.0
SSE	1.8	1.8										3.6	3.5
S	1.8	16.4	7.3	1.8								27.3	6.1
SSW	1.8	21.8	14.5	1.8								40.0	6.5
SW		3.6	3.6									7.3	6.5
WSW		3.6	7.3									10.9	7.3
W													
WNW													
NW			1.8									1.8	9.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.5	
	5.5	50.9	34.5	3.6								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 55

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9										1.9	6.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	5.6	1.9	1.9									9.3	3.8
S	11.1	25.9	3.7									40.7	4.5
SSW	1.9	20.4	7.4									29.6	5.4
SW			1.9									1.9	7.0
WSW		1.9										1.9	6.0
W		1.9										1.9	5.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.0	
	18.5	53.7	14.8									100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 54

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73 YEARS | DEC MONTH

ALL WEATHER CLASS | 19 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.1											9.1	2.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	9.1											9.1	2.0
VARBL													
CALM												81.8	
	18.2											100.0	.4

TOTAL NUMBER OF OBSERVATIONS 11

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 22 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	8.3											8.3	3.0
NE													
ENE	8.3											8.3	3.0
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	83.3	
	16.7											100.0	.5

TOTAL NUMBER OF OBSERVATIONS 12

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	.8	.4								3.8	6.0
NNE	.4	2.3	.8									3.4	5.6
NE		.4										.4	4.0
ENE	.4											.4	3.0
E													
ESE		.4	.4	.4								1.1	8.0
SE		.4										.4	4.0
SSE	1.5	1.1	.8									3.4	4.2
S	3.4	9.2	2.7	.4								15.6	5.1
SSW	.8	8.8	4.6	.4							♦	14.5	6.0
SW	.4	.8	1.1								♦	2.3	5.8
WSW		1.1	1.5									2.7	7.1
W		.4										.4	5.0
WNW													
NW	.8		.4									1.1	4.3
NNW	.4	.4	.4	.4								1.5	7.0
VARBL													
CALM												48.9	
	8.4	27.5	13.4	1.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 262

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | ALL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.8	.3	.2	.0							2.8	4.5
NNE	1.0	.8	.4									2.2	4.4
NE	.6	.7	.0									1.3	3.5
ENE	.2	.3										.5	3.6
E	.6	.3	.0									.9	3.2
ESE	.4	.5	.1	.0								1.0	4.5
SE	.7	.7	.3	.0								1.7	4.4
SSE	1.0	1.8	.6	.1								3.5	4.7
S	2.5	8.2	6.1	.5								17.2	6.1
SSW	1.3	6.4	7.1	.9								15.8	6.8
SW	.6	2.5	3.3	.4								6.9	7.0
WSW	.7	1.7	1.8	.4								4.5	6.7
W	.5	.8	.7	.2								2.1	6.0
WNW	.3	.2	.1	.0								.6	4.6
NW	.2	.1	.0									.3	3.3
NNW	.5	.2	.1	.1								.9	4.5
VARBL													
CALM												37.7	
	12.7	25.9	21.0	2.8	.0							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 3933

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | ALL (MONTH)

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	.9	.1									4.7	3.0
NNE	2.3	.7	.1									3.1	3.0
NE	1.0	1.1										2.1	3.1
ENE	.6	.4										1.0	3.3
E	1.4	.3										1.7	2.8
ESE	1.1	.7	.3									2.1	4.0
SE	.3	.9	.3									1.4	5.1
SSE	1.0	1.0	.7	.3								3.0	5.2
S	2.8	3.8	1.4	.3								8.4	5.0
SSW	2.0	3.0	2.7	.3								7.9	5.7
SW	.9	2.1	.7	.3								4.0	5.5
WSW	1.4	.6	.4									2.4	4.0
W	.7	.7	.3									1.7	4.0
WNW	.9	.3										1.1	2.6
NW	.4	.1										.6	2.0
NNW	1.3	.4										1.7	2.9
VARBL													
CALM												53.0	
	21.7	17.0	7.1	1.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 705

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) JAN (MONTH)

01 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 7000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 5000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	59.1	59.1
≥ 4500	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	59.1	59.1
≥ 4000	9.1	40.9	45.5	50.0	50.0	50.0	50.0	50.0	50.0	54.6	54.6	54.6	54.6	54.6	59.1	59.1
≥ 3500	9.1	40.9	45.5	50.0	50.0	54.6	54.6	54.6	54.6	59.1	59.1	59.1	59.1	59.1	63.6	63.6
≥ 3000	9.1	45.5	50.0	54.6	54.6	59.1	59.1	59.1	59.1	63.6	63.6	63.6	63.6	63.6	68.2	68.2
≥ 2500	9.1	50.0	54.6	59.1	59.1	63.6	63.6	63.6	63.6	68.2	68.2	68.2	68.2	68.2	72.7	72.7
≥ 2000	9.1	54.6	59.1	63.6	63.6	68.2	68.2	68.2	68.2	72.7	72.7	72.7	72.7	72.7	77.3	77.3
≥ 1800	9.1	54.6	59.1	63.6	63.6	68.2	68.2	68.2	68.2	72.7	72.7	72.7	72.7	72.7	77.3	77.3
≥ 1500	9.1	59.1	63.6	68.2	68.2	72.7	72.7	72.7	72.7	77.3	77.3	77.3	77.3	77.3	81.8	81.8
≥ 1200	9.1	59.1	63.6	68.2	68.2	72.7	72.7	72.7	72.7	77.3	77.3	77.3	77.3	77.3	81.8	81.8
≥ 1000	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 900	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 800	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 700	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 600	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 500	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 400	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 300	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	90.9	90.9
≥ 200	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	95.5	95.5
≥ 100	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	95.5	95.5
0	9.1	59.1	63.6	72.7	72.7	77.3	77.3	77.3	77.3	86.4	86.4	86.4	86.4	86.4	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 22

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | JAN (MONTH) | 04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	9.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 5000	9.5	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	9.5	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	9.5	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	9.5	52.4	52.4	52.4	57.1	57.1	57.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3000	9.5	57.1	57.1	57.1	61.9	61.9	61.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	9.5	61.9	61.9	61.9	66.7	66.7	66.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000	9.5	66.7	66.7	66.7	71.4	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	9.5	66.7	66.7	66.7	71.4	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1500	9.5	66.7	66.7	66.7	71.4	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1200	9.5	66.7	66.7	66.7	71.4	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1000	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 500	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 400	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 300	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 200	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	95.2	95.2	95.2	95.2
≥ 100	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	95.2	95.2	95.2	95.2
0	9.5	76.2	76.2	76.2	81.0	81.0	81.0	85.7	85.7	90.5	90.5	90.5	95.2	95.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 21

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74-75 (YEARS) | JAN (MONTH) | 07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	61.4	61.4	63.6	63.6
≥ 20000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 18000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 16000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 14000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 12000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 10000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 9000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 8000	43.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	70.5	70.5	72.7	72.7
≥ 7000	43.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	72.7	72.7	75.0	75.0
≥ 6000	43.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	72.7	72.7	75.0	75.0
≥ 5000	43.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	72.7	72.7	77.3	77.3
≥ 4500	43.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	72.7	72.7	77.3	77.3
≥ 4000	45.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	72.7	72.7	72.7	75.0	75.0	79.6	79.6
≥ 3500	47.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	75.0	75.0	75.0	77.3	77.3	81.8	81.8
≥ 3000	52.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	81.8	81.8	81.8	84.1	84.1	88.6	88.6
≥ 2500	52.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	81.8	84.1	84.1	84.1	86.4	86.4	90.9	90.9
≥ 2000	52.3	79.6	79.6	79.6	81.8	81.8	81.8	81.8	84.1	86.4	86.4	86.4	88.6	88.6	93.2	93.2
≥ 1800	52.3	79.6	79.6	79.6	81.8	81.8	81.8	81.8	84.1	86.4	86.4	86.4	88.6	88.6	93.2	93.2
≥ 1500	52.3	79.6	79.6	79.6	81.8	81.8	81.8	81.8	84.1	86.4	86.4	86.4	88.6	88.6	93.2	93.2
≥ 1200	52.3	79.6	79.6	79.6	81.8	81.8	81.8	81.8	84.1	86.4	86.4	86.4	88.6	88.6	93.2	93.2
≥ 1000	52.3	79.6	79.6	79.6	81.8	81.8	81.8	84.1	86.4	88.6	88.6	88.6	90.9	90.9	95.5	95.5
≥ 900	52.3	79.6	79.6	79.6	81.8	81.8	81.8	84.1	86.4	88.6	88.6	88.6	90.9	90.9	95.5	95.5
≥ 800	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 700	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 600	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 500	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 400	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 300	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 200	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	97.7
≥ 100	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	100.0
≥ 0	52.3	79.6	79.6	79.6	84.1	84.1	84.1	86.4	88.6	90.9	90.9	90.9	93.2	93.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 44

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.8	64.3	64.3	64.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	58.3	70.2	70.2	70.2	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	58.3	70.2	70.2	70.2	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	58.3	70.2	70.2	70.2	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	58.3	71.4	71.4	71.4	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	60.7	73.8	73.8	73.8	75.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	61.9	75.0	75.0	75.0	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	61.9	75.0	75.0	75.0	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	63.1	76.2	76.2	76.2	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	64.3	77.4	77.4	77.4	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	64.3	77.4	77.4	77.4	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	64.3	77.4	77.4	77.4	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	65.5	78.6	78.6	78.6	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	66.7	79.8	81.0	81.0	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	66.7	82.1	83.3	83.3	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	67.9	86.9	88.1	88.1	89.3	90.5	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	67.9	88.1	90.5	90.5	91.7	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	67.9	89.3	91.7	92.9	94.1	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	67.9	89.3	91.7	92.9	94.1	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	67.9	89.3	91.7	92.9	95.2	96.4	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	67.9	90.5	92.9	94.1	96.4	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	67.9	90.5	92.9	94.1	96.4	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	67.9	90.5	92.9	94.1	96.4	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	67.9	90.5	92.9	94.1	96.4	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.5	67.9	67.9	67.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	71.4	75.0	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	71.4	75.0	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	71.4	75.0	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	71.4	75.0	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	71.4	75.0	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	72.6	76.2	77.4	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	72.6	76.2	77.4	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	72.6	77.4	78.6	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	72.6	77.4	78.6	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	75.0	79.8	81.0	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	77.4	83.3	84.5	84.5	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	78.6	85.7	86.9	86.9	88.1	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	78.6	88.1	89.3	89.3	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	78.6	89.3	90.5	90.5	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	78.6	89.3	90.5	90.5	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	78.6	89.3	91.7	91.7	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	78.6	91.7	94.1	94.1	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	78.6	91.7	94.1	94.1	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	78.6	91.7	94.1	94.1	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	78.6	91.7	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

16 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	59.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	58.5	67.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	59.8	68.3	72.0	72.0	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	59.8	68.3	72.0	72.0	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	62.2	70.7	74.4	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	64.6	74.4	78.1	78.1	78.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	67.1	78.1	81.7	81.7	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	67.1	78.1	81.7	81.7	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	67.1	78.1	81.7	81.7	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	68.3	79.3	82.9	82.9	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	68.3	79.3	82.9	82.9	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	68.3	79.3	82.9	82.9	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	68.3	79.3	82.9	82.9	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	68.3	79.3	82.9	82.9	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	69.5	80.5	84.2	85.4	85.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	72.0	84.2	89.0	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	72.0	84.2	89.0	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	73.2	87.8	92.7	93.9	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	73.2	87.8	92.7	93.9	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	73.2	89.0	93.9	95.1	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	73.2	89.0	93.9	95.1	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	73.2	89.0	93.9	95.1	96.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	73.2	89.0	93.9	95.1	96.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	73.2	89.0	93.9	95.1	96.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	73.2	89.0	93.9	95.1	96.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	73.2	89.0	93.9	95.1	96.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.2	89.0	93.9	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 82

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	25.0	56.3	56.3	56.3	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	25.0	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	25.0	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	25.0	56.3	56.3	62.5	62.5	62.5	68.8	68.8	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	25.0	62.5	62.5	68.8	68.8	68.8	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	25.0	62.5	62.5	68.8	68.8	68.8	75.0	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	25.0	62.5	62.5	68.8	68.8	68.8	75.0	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	25.0	62.5	62.5	68.8	68.8	68.8	75.0	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	25.0	62.5	62.5	68.8	68.8	68.8	75.0	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	25.0	62.5	62.5	68.8	68.8	68.8	75.0	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	25.0	68.8	68.8	75.0	75.0	75.0	81.3	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 4500	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 4000	12.5	43.8	43.8	50.0	50.0	50.0	50.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 3500	12.5	43.8	43.8	50.0	50.0	56.3	56.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3000	12.5	50.0	50.0	56.3	56.3	62.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2500	12.5	50.0	50.0	56.3	56.3	62.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2000	12.5	50.0	50.0	56.3	56.3	62.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1800	12.5	50.0	50.0	56.3	56.3	62.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1500	12.5	50.0	50.0	56.3	56.3	62.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1200	12.5	50.0	50.0	56.3	56.3	62.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1000	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
0	12.5	56.3	56.3	62.5	62.5	68.8	75.0	87.5	87.5	93.8	93.8	93.8	93.8	93.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	60.2	61.0	61.5	62.1	62.1	62.3	62.6	62.6	62.9	62.9	62.9	63.1	63.1	63.4	63.4
≥ 20000	50.4	65.6	66.9	67.5	68.0	68.3	68.6	68.8	68.8	69.7	69.7	69.7	69.9	69.9	70.2	70.2
≥ 18000	50.7	65.9	67.2	67.8	68.3	68.8	69.1	69.4	69.4	70.2	70.2	70.2	70.5	70.5	70.7	70.7
≥ 16000	50.7	65.9	67.2	67.8	68.3	68.8	69.1	69.4	69.4	70.2	70.2	70.2	70.5	70.5	70.7	70.7
≥ 14000	51.2	66.7	68.0	68.6	69.1	69.7	69.9	70.2	70.2	71.0	71.0	71.0	71.3	71.3	71.5	71.5
≥ 12000	52.3	68.0	69.4	69.9	70.5	71.0	71.3	71.5	71.5	72.4	72.4	72.4	72.6	72.6	72.9	72.9
≥ 10000	53.4	69.4	70.7	71.3	71.8	72.4	72.6	72.9	72.9	73.7	73.7	73.7	74.0	74.0	74.3	74.3
≥ 9000	53.4	69.4	70.7	71.3	71.8	72.4	72.6	72.9	72.9	73.7	73.7	73.7	74.0	74.0	74.3	74.3
≥ 8000	53.7	69.9	71.3	71.8	72.4	72.9	73.2	73.4	73.4	74.3	74.3	74.3	74.5	74.5	74.8	74.8
≥ 7000	54.2	70.7	72.1	72.6	73.2	73.7	74.0	74.3	74.3	75.1	75.1	75.1	75.3	75.3	75.6	75.6
≥ 6000	54.5	71.0	72.4	72.9	73.4	74.0	74.3	74.5	74.5	75.3	75.3	75.3	75.6	75.6	75.9	75.9
≥ 5000	54.5	71.0	72.4	72.9	73.7	74.3	74.5	74.8	74.8	75.6	75.6	75.6	75.9	75.9	76.7	76.7
≥ 4500	54.7	71.3	72.6	73.4	74.3	74.8	75.1	75.3	75.3	76.2	76.2	76.2	76.4	76.4	77.2	77.2
≥ 4000	55.6	72.1	73.7	74.5	75.3	75.9	76.2	76.4	76.4	77.2	77.2	77.2	77.5	77.5	78.3	78.3
≥ 3500	56.6	74.0	75.6	76.7	77.5	78.6	79.1	79.7	79.7	80.5	80.5	80.5	80.8	80.8	81.6	81.6
≥ 3000	58.3	78.3	80.2	81.3	82.1	83.2	83.7	84.6	84.6	85.4	85.4	85.4	85.6	85.6	86.5	86.5
≥ 2500	58.3	79.7	81.8	82.9	84.0	85.1	85.9	87.0	87.3	88.1	88.1	88.1	88.4	88.4	89.2	89.2
≥ 2000	58.5	81.6	83.7	85.1	86.5	87.5	88.4	89.4	89.7	90.5	90.5	90.5	90.8	90.8	91.6	91.6
≥ 1800	58.5	81.6	83.7	85.1	86.5	87.5	88.4	89.4	89.7	90.5	90.5	90.5	90.8	90.8	91.6	91.6
≥ 1500	58.5	82.1	84.6	85.9	87.8	88.9	89.7	90.8	91.1	91.9	91.9	91.9	92.1	92.1	93.0	93.0
≥ 1200	58.5	82.9	85.4	86.7	88.6	89.7	90.5	91.6	91.9	92.7	92.7	92.7	93.0	93.0	93.8	93.8
≥ 1000	58.5	84.0	86.5	88.1	90.2	91.6	92.4	94.3	94.6	95.9	95.9	95.9	96.2	96.2	97.0	97.0
≥ 900	58.5	84.0	86.5	88.1	90.2	91.6	92.4	94.3	94.6	95.9	95.9	95.9	96.2	96.2	97.0	97.0
≥ 800	58.5	84.0	86.5	88.1	90.5	92.1	93.0	95.1	95.4	96.8	96.8	96.8	97.0	97.0	97.8	97.8
≥ 700	58.5	84.0	86.5	88.1	90.5	92.1	93.0	95.1	95.4	97.0	97.0	97.0	97.3	97.3	98.1	98.1
≥ 600	58.5	84.0	86.5	88.1	90.5	92.1	93.0	95.1	95.4	97.0	97.0	97.0	97.3	97.3	98.1	98.1
≥ 500	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.6	97.6	98.4	98.4
≥ 400	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.6	97.6	98.4	98.4
≥ 300	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.6	97.6	98.4	98.4
≥ 200	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.8	97.8	98.9	98.9
≥ 100	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.8	97.8	98.9	99.2
0	58.5	84.0	86.5	88.1	90.8	92.4	93.2	95.4	95.7	97.3	97.3	97.3	97.8	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 369

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74 (YEARS) FEB (MONTH) 01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	61.1	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	72.2
≥ 20000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 18000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 16000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 14000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 12000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 10000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 9000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 8000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 7000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 6000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 5000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 4500	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 4000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 3500	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 3000	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 2500	33.3	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	77.8
≥ 2000	33.3	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9
≥ 1800	33.3	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9
≥ 1500	33.3	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9
≥ 1200	33.3	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9
≥ 1000	33.3	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9	88.9	88.9	88.9	88.9	88.9	94.4
≥ 900	33.3	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	88.9	88.9	88.9	88.9	88.9	88.9	94.4
≥ 800	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 700	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 600	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 500	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 400	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 300	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 200	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 100	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0
≥ 0	33.3	77.8	77.8	83.3	83.3	88.9	88.9	88.9	88.9	94.4	94.4	94.4	94.4	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 18

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	50.0	55.6	55.6	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2500	33.3	55.6	61.1	61.1	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	33.3	61.1	66.7	66.7	72.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	33.3	61.1	66.7	66.7	72.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	33.3	61.1	66.7	66.7	72.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	33.3	61.1	66.7	66.7	72.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	33.3	61.1	66.7	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	33.3	61.1	66.7	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 300	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 200	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 100	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	100.0
0	33.3	61.1	66.7	66.7	77.8	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 18

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 74-75 (YEARS) FEB (MONTH)

07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.5	46.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	38.5	48.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	38.5	48.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	38.5	48.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	41.0	51.3	56.4	56.4	56.4	56.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	41.0	51.3	56.4	56.4	56.4	56.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	43.6	53.9	59.0	59.0	59.0	59.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	43.6	53.9	59.0	59.0	59.0	59.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	43.6	59.0	64.1	64.1	64.1	64.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	43.6	59.0	64.1	64.1	64.1	64.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	43.6	59.0	66.7	66.7	66.7	66.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	43.6	59.0	66.7	66.7	66.7	66.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	43.6	59.0	66.7	66.7	66.7	66.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	43.6	61.5	69.2	69.2	69.2	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	43.6	61.5	69.2	69.2	69.2	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	43.6	61.5	69.2	69.2	69.2	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	43.6	64.1	71.8	71.8	71.8	71.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	43.6	64.1	71.8	71.8	71.8	71.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1800	43.6	64.1	71.8	71.8	71.8	71.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1500	43.6	64.1	74.4	74.4	76.9	76.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1200	43.6	66.7	76.9	76.9	79.5	79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1000	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	43.6	69.2	79.5	79.5	84.6	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	43.6	69.2	79.5	79.5	87.2	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 200	43.6	69.2	79.5	79.5	87.2	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	97.4
≥ 100	43.6	69.2	79.5	79.5	87.2	87.2	92.3	94.9	94.9	94.9	94.9	94.9	97.4	97.4	97.4	100.0
≥ 0	43.6	69.2	79.5	79.5	87.2	87.2	92.3	94.9	94.9	94.9	94.9	94.9	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.2	44.9	47.4	50.0	53.9	53.9	53.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	37.2	46.2	48.7	51.3	55.1	55.1	55.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	37.2	46.2	48.7	51.3	55.1	55.1	55.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	37.2	46.2	48.7	51.3	55.1	55.1	55.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	38.5	47.4	50.0	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	38.5	47.4	50.0	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	39.7	48.7	51.3	53.9	57.7	57.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	39.7	48.7	51.3	53.9	57.7	57.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	42.3	52.6	55.1	57.7	61.5	61.5	61.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000	43.6	53.9	56.4	59.0	62.8	62.8	62.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	43.6	56.4	59.0	61.5	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	43.6	56.4	59.0	61.5	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	43.6	56.4	59.0	61.5	66.7	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	46.2	59.0	61.5	64.1	69.2	69.2	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	46.2	60.3	62.8	65.4	70.5	70.5	70.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	46.2	61.5	64.1	66.7	71.8	71.8	71.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2500	47.4	64.1	66.7	69.2	74.4	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	47.4	64.1	66.7	69.2	76.9	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	47.4	66.7	70.5	73.1	80.8	80.8	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	48.7	70.5	75.6	78.2	85.9	85.9	85.9	87.2	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	48.7	71.8	76.9	79.5	88.5	89.7	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	48.7	73.1	78.2	80.8	91.0	92.3	92.3	93.6	93.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	48.7	73.1	78.2	80.8	92.3	93.6	93.6	94.9	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	48.7	73.1	78.2	80.8	92.3	93.6	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	48.7	73.1	78.2	80.8	92.3	93.6	93.6	96.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	48.7	73.1	78.2	80.8	92.3	93.6	93.6	96.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.7	74.4	79.5	82.1	93.6	94.9	94.9	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 78

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	47.4	48.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	42.3	51.3	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	42.3	51.3	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	42.3	51.3	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	42.3	51.3	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	42.3	51.3	52.6	56.4	56.4	56.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	43.6	52.6	53.9	57.7	57.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	43.6	52.6	53.9	57.7	57.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	43.6	55.1	57.7	61.5	61.5	61.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000	46.2	57.7	60.3	64.1	64.1	64.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	47.4	60.3	62.8	66.7	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	47.4	61.5	64.1	68.0	68.0	68.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	48.7	64.1	66.7	70.5	70.5	70.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	50.0	66.7	69.2	73.1	73.1	73.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3500	51.3	68.0	70.5	74.4	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	51.3	69.2	71.8	75.6	75.6	75.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	52.6	71.8	74.4	80.8	80.8	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	53.9	75.6	79.5	85.9	85.9	85.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	55.1	78.2	82.1	88.5	88.5	88.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	55.1	80.8	84.6	91.0	93.6	93.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	55.1	82.1	85.9	92.3	94.9	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	55.1	83.3	87.2	93.6	96.2	96.2	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 78

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	55.1	56.4	59.0	59.0	59.0	60.3	60.3	60.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	46.2	59.0	60.3	62.8	62.8	62.8	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	46.2	59.0	60.3	62.8	62.8	62.8	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	46.2	59.0	60.3	62.8	62.8	62.8	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	46.2	59.0	60.3	62.8	62.8	62.8	65.4	65.4	65.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	46.2	60.3	61.5	64.1	64.1	64.1	66.7	66.7	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	47.4	61.5	64.1	66.7	66.7	66.7	69.2	69.2	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	47.4	61.5	64.1	66.7	66.7	66.7	69.2	69.2	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	48.7	64.1	66.7	69.2	69.2	69.2	71.8	71.8	71.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	52.6	69.2	71.8	74.4	74.4	74.4	76.9	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	52.6	69.2	71.8	74.4	74.4	74.4	76.9	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	53.9	71.8	74.4	76.9	76.9	76.9	79.5	79.5	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	55.1	73.1	75.6	78.2	78.2	78.2	80.8	80.8	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	55.1	73.1	75.6	78.2	78.2	78.2	80.8	80.8	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	55.1	74.4	76.9	79.5	79.5	79.5	82.1	82.1	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	55.1	74.4	76.9	79.5	79.5	79.5	82.1	82.1	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	56.4	79.5	83.3	85.9	85.9	85.9	88.5	88.5	88.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	56.4	80.8	84.6	87.2	87.2	87.2	89.7	89.7	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	56.4	80.8	84.6	87.2	87.2	87.2	89.7	89.7	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	59.0	84.6	88.5	91.0	92.3	92.3	94.9	94.9	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	59.0	84.6	88.5	91.0	93.6	93.6	96.2	96.2	96.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	59.0	84.6	88.5	91.0	93.6	93.6	96.2	96.2	96.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	59.0	84.6	88.5	91.0	93.6	93.6	96.2	96.2	96.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	59.0	84.6	88.5	91.0	93.6	93.6	96.2	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 78

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | FEB (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.7	66.7	66.7	73.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	46.7	80.0	80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 18000	46.7	80.0	80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 16000	46.7	80.0	80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 14000	46.7	80.0	80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 12000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	46.7	86.7	86.7	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	33.3	53.3	60.0	60.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	40.0	60.0	66.7	66.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2000	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	40.0	66.7	73.3	73.3	80.0	80.0	80.0	80.0	80.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0	40.0	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 15

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS) FEB (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.9	50.4	52.5	54.9	56.6	56.9	57.2	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 20000	40.4	54.0	56.3	59.0	60.8	61.1	62.0	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 18000	40.4	54.0	56.3	59.0	60.8	61.1	62.0	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 16000	40.4	54.0	56.3	59.0	60.8	61.1	62.0	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 14000	41.0	54.6	56.9	59.6	61.4	61.7	62.8	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 12000	41.0	55.2	57.5	60.2	62.0	62.2	63.4	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.3
≥ 10000	42.2	56.3	59.0	61.7	63.4	63.7	64.9	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.8
≥ 9000	42.2	56.3	59.0	61.7	63.4	63.7	64.9	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.8
≥ 8000	43.4	59.3	62.2	64.9	66.7	67.0	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	69.0
≥ 7000	45.1	61.4	64.3	67.0	68.7	69.0	70.2	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	71.1
≥ 6000	45.4	62.5	65.8	68.4	70.2	70.5	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.6
≥ 5000	45.7	63.4	66.7	69.3	71.1	71.4	72.6	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.5
≥ 4500	46.3	64.3	67.6	70.2	72.3	72.6	73.8	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.6
≥ 4000	47.2	65.8	69.0	71.7	73.8	74.0	75.2	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	76.1
≥ 3500	47.5	66.7	69.9	72.6	74.6	74.9	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 3000	47.5	67.3	70.5	73.2	75.2	75.5	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.6
≥ 2500	48.4	69.9	73.5	76.7	78.8	79.1	80.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	81.1
≥ 2000	48.7	72.0	75.8	79.1	81.7	82.3	83.5	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.3
≥ 1800	49.0	73.2	77.3	80.5	83.2	83.8	85.0	85.3	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 1500	49.9	75.5	80.2	83.5	87.3	87.9	89.1	89.4	89.4	90.9	90.9	90.9	90.9	90.9	90.9	91.2
≥ 1200	49.9	76.4	81.1	84.4	88.8	89.7	90.9	91.2	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.9
≥ 1000	49.9	77.6	82.3	85.6	90.6	91.5	93.2	93.8	93.8	95.3	95.3	95.3	95.3	95.3	95.3	95.6
≥ 900	49.9	77.6	82.3	85.6	90.9	91.7	93.5	94.1	94.1	95.6	95.6	95.6	95.6	95.6	95.6	95.9
≥ 800	49.9	77.6	82.3	85.6	91.5	92.6	94.4	95.6	95.6	97.1	97.1	97.1	97.1	97.1	97.1	97.4
≥ 700	49.9	77.6	82.3	85.6	91.5	92.6	94.4	95.6	95.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2
≥ 600	49.9	77.6	82.3	85.6	91.5	92.6	94.4	95.6	95.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2
≥ 500	49.9	77.9	82.6	85.8	91.7	92.9	94.7	95.9	96.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
≥ 400	49.9	77.9	82.6	85.8	91.7	92.9	94.7	95.9	96.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
≥ 300	49.9	77.9	82.6	85.8	92.0	93.2	95.0	96.2	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8
≥ 200	49.9	77.9	82.6	85.8	92.0	93.2	95.0	96.2	96.5	98.5	98.5	98.5	98.5	98.5	98.5	99.1
≥ 100	49.9	77.9	82.6	85.8	92.0	93.2	95.0	96.2	96.5	98.5	98.5	98.5	98.8	98.8	98.8	99.7
0	49.9	77.9	82.6	85.8	92.0	93.2	95.0	96.2	96.5	98.5	98.5	98.5	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 339

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) MAR (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	41.2	41.2	41.2	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 18000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 14000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 10000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 8000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 7000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 6000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 5000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 4500	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4000	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
< 3500	35.3	44.1	44.1	44.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 3000	35.3	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
< 2500	35.3	76.5	76.5	76.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	35.3	76.5	76.5	76.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
< 1800	35.3	76.5	76.5	76.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	35.3	76.5	76.5	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
< 1200	35.3	76.5	76.5	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	35.3	79.4	79.4	82.4	88.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
< 900	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
< 700	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
< 500	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
< 300	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 200	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
< 100	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0	35.3	82.4	82.4	85.3	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 34

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAR (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 18000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 16000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 14000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 10000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 9000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 8000	26.5	32.4	32.4	32.4	32.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 7000	29.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 6000	29.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 5000	29.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 4500	29.4	35.3	35.3	35.3	35.3	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 4000	29.4	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 3500	29.4	38.2	38.2	38.2	38.2	41.2	41.2	41.2	41.2	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 3000	29.4	61.8	61.8	61.8	61.8	64.7	64.7	64.7	64.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500	32.4	64.7	64.7	64.7	64.7	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2000	32.4	64.7	64.7	64.7	64.7	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	32.4	64.7	64.7	64.7	64.7	70.6	70.6	70.6	70.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1500	32.4	64.7	64.7	67.7	67.7	73.5	73.5	73.5	73.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1200	32.4	67.7	70.6	73.5	73.5	79.4	79.4	79.4	79.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 900	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 800	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 700	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 600	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 500	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 400	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 300	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 200	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 100	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	94.1
≥ 0	32.4	67.7	73.5	76.5	82.4	88.2	88.2	88.2	88.2	91.2	91.2	91.2	94.1	94.1	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 34

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAR (MONTH)

07 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.8	32.1	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	35.7	35.7	41.1	41.1
≥ 20000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 18000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 16000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 14000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 12000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 10000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 9000	26.8	32.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	39.3	39.3	44.6	44.6
≥ 8000	26.8	35.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	42.9	42.9	48.2	48.2
≥ 7000	26.8	35.7	39.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	44.6	44.6	50.0	50.0
≥ 6000	28.6	37.5	41.1	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	46.4	46.4	51.8	51.8
≥ 5000	28.6	39.3	42.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	48.2	48.2	53.6	53.6
≥ 4500	28.6	39.3	42.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	48.2	48.2	53.6	53.6
≥ 4000	28.6	41.1	44.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	50.0	50.0	55.4	55.4
≥ 3500	30.4	44.6	48.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	53.6	53.6	58.9	58.9
≥ 3000	37.5	53.6	57.1	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	62.5	62.5	67.9	67.9
≥ 2500	37.5	53.6	58.9	60.7	60.7	60.7	62.5	62.5	62.5	62.5	62.5	62.5	66.1	66.1	71.4	71.4
≥ 2000	37.5	53.6	62.5	64.3	64.3	64.3	66.1	66.1	66.1	66.1	66.1	66.1	69.6	69.6	75.0	75.0
≥ 1800	37.5	53.6	62.5	64.3	64.3	64.3	66.1	66.1	66.1	66.1	66.1	66.1	69.6	69.6	75.0	75.0
≥ 1500	37.5	55.4	66.1	69.6	73.2	73.2	76.8	76.8	76.8	76.8	76.8	76.8	80.4	80.4	85.7	85.7
≥ 1200	37.5	57.1	67.9	71.4	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	82.1	82.1	87.5	87.5
≥ 1000	37.5	60.7	71.4	75.0	78.6	78.6	83.9	83.9	83.9	83.9	83.9	83.9	87.5	87.5	92.9	92.9
≥ 900	37.5	60.7	71.4	75.0	78.6	78.6	83.9	83.9	83.9	83.9	83.9	83.9	87.5	87.5	92.9	92.9
≥ 800	37.5	60.7	71.4	75.0	78.6	78.6	83.9	83.9	83.9	83.9	83.9	83.9	87.5	87.5	92.9	92.9
≥ 700	37.5	60.7	71.4	75.0	78.6	78.6	83.9	83.9	83.9	83.9	83.9	83.9	87.5	87.5	92.9	92.9
≥ 600	37.5	60.7	71.4	75.0	78.6	78.6	83.9	83.9	83.9	83.9	85.7	85.7	89.3	89.3	94.6	94.6
≥ 500	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	98.2	98.2
≥ 400	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	98.2	98.2
≥ 300	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	100.0	100.0
≥ 200	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	100.0	100.0
≥ 100	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	100.0	100.0
0	37.5	60.7	71.4	76.8	80.4	80.4	85.7	85.7	85.7	85.7	89.3	89.3	92.9	92.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.7	34.9	38.4	39.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	29.1	39.5	43.0	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	29.1	39.5	43.0	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	29.1	39.5	43.0	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	29.1	39.5	43.0	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	29.1	39.5	43.0	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	31.4	41.9	45.4	46.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000	32.6	43.0	46.5	47.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	33.7	44.2	47.7	48.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000	33.7	44.2	47.7	48.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 6000	33.7	44.2	47.7	48.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 5000	34.9	45.4	48.8	50.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4500	36.1	46.5	50.0	51.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4000	38.4	50.0	54.7	55.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	41.9	54.7	59.3	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3000	48.8	65.1	69.8	70.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	51.2	70.9	75.6	76.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2000	53.5	76.7	81.4	83.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	53.5	76.7	81.4	83.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	54.7	81.4	86.1	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	54.7	82.6	87.2	91.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	54.7	82.6	88.4	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	54.7	82.6	88.4	94.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	54.7	82.6	88.4	94.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	54.7	82.6	88.4	94.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	54.7	82.6	88.4	94.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	54.7	82.6	88.4	94.2	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 86

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH) | 13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.8	40.0	42.4	43.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	37.7	48.2	50.6	51.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	37.7	48.2	50.6	51.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	37.7	48.2	50.6	51.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	38.8	50.6	52.9	54.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	41.2	52.9	55.3	56.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	42.4	54.1	56.5	57.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	43.5	55.3	57.7	58.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	44.7	56.5	58.8	60.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	45.9	57.7	60.0	61.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 6000	45.9	57.7	60.0	61.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	47.1	61.2	63.5	64.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	47.1	61.2	63.5	64.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	49.4	63.5	65.9	67.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	57.7	71.8	74.1	75.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	65.9	82.4	84.7	85.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	65.9	83.5	85.9	87.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	65.9	84.7	87.1	89.4	91.8	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	65.9	85.9	88.2	90.6	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	67.1	87.1	89.4	91.8	94.1	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	67.1	89.4	91.8	94.1	97.7	97.7	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 85

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS) MAR (MONTH)

16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.1	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	48.8	57.1	58.3	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	48.8	57.1	58.3	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	48.8	57.1	58.3	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	48.8	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	51.2	60.7	61.9	61.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	52.4	63.1	64.3	64.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	52.4	63.1	64.3	64.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	54.8	65.5	66.7	66.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	57.1	69.1	70.2	70.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	57.1	69.1	70.2	70.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	58.3	71.4	72.6	72.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	58.3	71.4	72.6	72.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	58.3	73.8	75.0	75.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	60.7	76.2	77.4	77.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	66.7	82.1	83.3	83.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	66.7	83.3	84.5	84.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	66.7	86.9	88.1	88.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	66.7	86.9	88.1	88.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	66.7	88.1	89.3	91.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	66.7	89.3	90.5	92.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	66.7	90.5	91.7	95.2	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	66.7	90.5	91.7	95.2	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.7	90.5	91.7	95.2	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.7	90.5	91.7	95.2	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.7	90.5	91.7	95.2	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	66.7	90.5	91.7	95.2	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 14000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 8000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 7000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 6000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 5000	42.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500	42.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000	42.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	42.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	50.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	50.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	50.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	50.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	50.0	85.7	85.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.0	92.9	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	45.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	45.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	45.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.7	40.1	41.8	42.3	43.3	43.6	43.6	43.6	43.6	43.8	43.8	43.8	44.1	44.1	44.8	44.8
≥ 20000	35.9	44.8	46.8	47.3	48.8	49.0	49.0	49.0	49.0	49.3	49.3	49.3	49.8	49.8	50.5	50.5
≥ 18000	35.9	44.8	46.8	47.3	48.8	49.0	49.0	49.0	49.0	49.3	49.3	49.3	49.8	49.8	50.5	50.5
≥ 16000	35.9	44.8	46.8	47.3	48.8	49.0	49.0	49.0	49.0	49.3	49.3	49.3	49.8	49.8	50.5	50.5
≥ 14000	36.1	45.5	47.5	48.0	49.5	49.8	49.8	49.8	49.8	50.0	50.0	50.0	50.5	50.5	51.2	51.2
≥ 12000	37.1	46.5	48.5	49.0	50.7	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.7	51.7	52.5	52.5
≥ 10000	38.1	47.8	49.8	50.3	52.0	52.2	52.2	52.2	52.2	52.5	52.5	52.5	53.0	53.0	53.7	53.7
≥ 9000	38.6	48.3	50.3	50.7	52.5	52.7	52.7	52.7	52.7	53.0	53.0	53.0	53.5	53.5	54.2	54.2
≥ 8000	39.6	49.8	51.7	52.2	54.0	54.2	54.2	54.2	54.2	54.5	54.5	54.5	55.0	55.0	55.7	55.7
≥ 7000	40.6	51.0	53.0	53.7	55.5	55.7	55.7	55.7	55.7	55.9	55.9	55.9	56.4	56.4	57.2	57.2
≥ 6000	40.8	51.2	53.2	54.0	55.7	55.9	55.9	55.9	55.9	56.2	56.2	56.2	56.7	56.7	57.4	57.4
≥ 5000	41.6	53.2	55.2	55.9	57.7	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.7	58.7	59.4	59.4
≥ 4500	41.8	53.5	55.5	56.2	57.9	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.9	58.9	59.7	59.7
≥ 4000	42.8	55.7	57.9	58.7	60.4	60.6	60.6	60.6	60.6	60.9	60.9	60.9	61.4	61.4	62.1	62.1
≥ 3500	46.0	59.4	61.6	62.4	64.1	64.4	64.4	64.4	64.4	64.6	64.6	64.6	65.1	65.1	65.8	65.8
≥ 3000	51.7	71.8	74.0	74.8	76.5	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.5	77.5	78.2	78.2
≥ 2500	52.5	74.8	77.2	78.0	79.7	80.2	80.5	80.5	80.5	80.7	80.7	80.7	81.2	81.2	81.9	81.9
≥ 2000	53.0	77.0	80.0	81.2	82.9	83.4	83.9	83.9	83.9	84.2	84.2	84.2	84.7	84.7	85.4	85.4
≥ 1800	53.0	77.2	80.2	81.4	83.2	83.7	84.2	84.2	84.2	84.4	84.4	84.4	84.9	84.9	85.6	85.6
≥ 1500	53.5	79.2	82.4	85.6	87.9	88.4	89.1	89.1	89.1	89.4	89.4	89.4	89.9	89.9	90.6	90.6
≥ 1200	53.5	80.9	84.4	87.6	90.1	90.6	91.3	91.3	91.3	91.6	91.6	91.6	92.1	92.1	92.8	92.8
≥ 1000	53.5	81.9	85.9	89.4	92.8	93.6	94.6	94.6	94.6	94.8	94.8	94.8	95.5	95.5	96.3	96.3
≥ 900	53.5	82.2	86.1	89.9	93.3	94.1	95.1	95.1	95.1	95.3	95.3	95.3	96.0	96.0	96.8	96.8
≥ 800	53.5	82.2	86.1	89.9	93.6	94.3	95.3	95.3	95.3	95.5	95.5	95.5	96.3	96.3	97.0	97.0
≥ 700	53.5	82.2	86.1	89.9	93.6	94.3	95.3	95.3	95.3	95.5	95.5	95.5	96.3	96.3	97.0	97.0
≥ 600	53.5	82.2	86.1	89.9	93.6	94.3	95.3	95.3	95.3	95.8	96.0	96.0	96.8	96.8	97.5	97.5
≥ 500	53.5	82.2	86.1	90.1	93.8	94.6	95.8	95.8	95.8	96.5	97.0	97.0	97.8	97.8	98.5	98.5
≥ 400	53.5	82.2	86.1	90.1	94.1	94.8	96.0	96.0	96.0	96.8	97.3	97.3	98.0	98.0	98.8	98.8
≥ 300	53.5	82.2	86.1	90.1	94.1	94.8	96.0	96.0	96.0	96.8	97.3	97.3	98.0	98.0	99.0	99.0
≥ 200	53.5	82.2	86.1	90.1	94.1	94.8	96.0	96.0	96.0	96.8	97.3	97.3	98.0	98.0	99.0	99.0
≥ 100	53.5	82.2	86.1	90.1	94.1	94.8	96.0	96.0	96.0	96.8	97.3	97.3	98.0	98.0	99.0	99.0
0	53.5	82.2	86.1	90.1	94.1	94.8	96.0	96.0	96.0	96.8	97.3	97.3	98.0	98.0	99.0	100.0

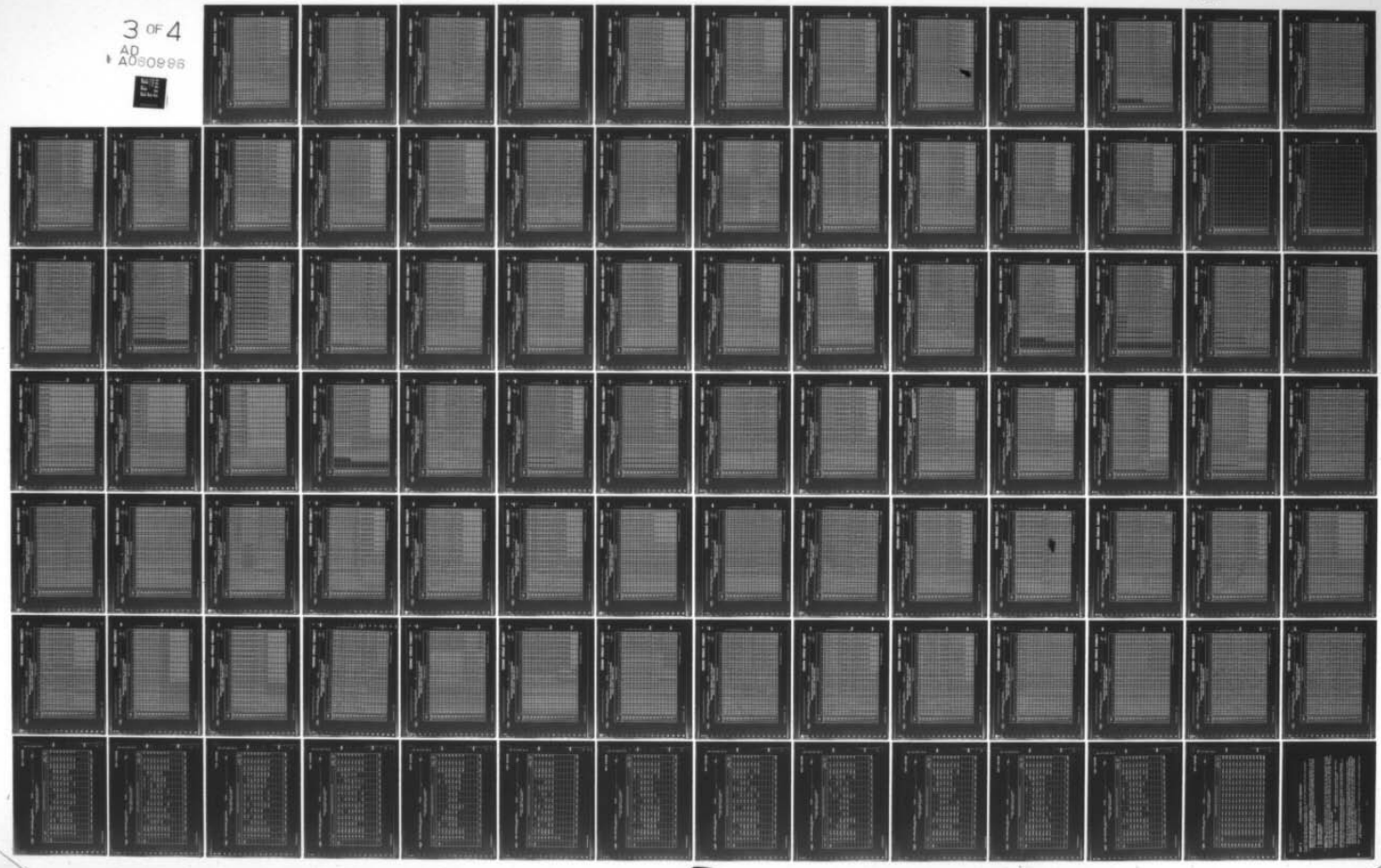
TOTAL NUMBER OF OBSERVATIONS 404

5703 CEILING VERSUS VISIBILITY JAN 78

AD-A060 996 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CAMP PE--ETC(U)
JUN 78

UNCLASSIFIED NL

3 OF 4
AD
A060996



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	21.6	54.1	59.5	59.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4000	21.6	56.8	62.2	62.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	21.6	59.5	64.9	64.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	21.6	62.2	67.6	67.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	21.6	62.2	67.6	67.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2000	21.6	64.9	70.3	70.3	75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	21.6	64.9	70.3	70.3	75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	21.6	67.6	73.0	73.0	78.4	81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1200	21.6	67.6	73.0	73.0	78.4	81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1000	21.6	67.6	73.0	73.0	78.4	81.1	83.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	21.6	67.6	73.0	73.0	78.4	81.1	83.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	21.6	67.6	73.0	73.0	81.1	83.8	89.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	21.6	67.6	73.0	73.0	81.1	83.8	89.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	21.6	67.6	73.0	73.0	81.1	86.5	91.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	21.6	67.6	73.0	73.0	81.1	89.2	94.6	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 37

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) APR (MONTH) 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 18000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 16000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 14000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 12000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 10000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 9000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 8000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 7000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 6000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 5000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 4500	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 4000	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 3500	20.5	43.6	51.3	51.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
V/V 3000	23.1	51.3	61.5	61.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
V/V 2500	25.6	59.0	69.2	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
V/V 2000	25.6	59.0	69.2	69.2	71.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
V/V 1800	25.6	59.0	69.2	69.2	71.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
V/V 1500	25.6	61.5	71.8	71.8	76.9	79.5	79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
V/V 1200	25.6	61.5	71.8	71.8	76.9	79.5	79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
V/V 1000	25.6	64.1	74.4	74.4	79.5	82.1	82.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
V/V 900	25.6	64.1	74.4	74.4	79.5	82.1	82.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
V/V 800	25.6	66.7	76.9	76.9	82.1	84.6	87.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
V/V 700	25.6	66.7	76.9	76.9	82.1	84.6	87.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
V/V 600	25.6	66.7	76.9	76.9	82.1	84.6	87.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
V/V 500	25.6	66.7	76.9	76.9	82.1	84.6	87.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
V/V 400	25.6	66.7	76.9	79.5	84.6	87.2	89.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
V/V 300	25.6	66.7	76.9	79.5	84.6	87.2	89.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
V/V 200	25.6	66.7	76.9	79.5	84.6	87.2	89.7	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V/V 100	25.6	66.7	76.9	79.5	84.6	87.2	89.7	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V/V 0	25.6	66.7	76.9	79.5	84.6	87.2	89.7	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) APR (MONTH)

07 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.5	44.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	32.2	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	32.2	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	32.2	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	32.2	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	32.2	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	33.9	47.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 9000	33.9	47.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000	33.9	47.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 7000	33.9	47.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	33.9	47.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000	35.6	49.2	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	37.3	54.2	55.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4000	39.0	59.3	62.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	40.7	64.4	69.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	40.7	66.1	71.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	42.4	69.5	74.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	42.4	69.5	74.6	78.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	42.4	69.5	74.6	78.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500	42.4	72.9	79.7	84.8	86.4	86.4	86.4	86.4	86.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	44.1	74.6	81.4	88.1	89.8	89.8	89.8	89.8	89.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	44.1	74.6	81.4	88.1	89.8	89.8	91.5	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	44.1	74.6	81.4	88.1	89.8	89.8	91.5	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	44.1	74.6	81.4	88.1	89.8	89.8	91.5	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	44.1	74.6	81.4	88.1	89.8	89.8	91.5	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	44.1	74.6	81.4	88.1	89.8	89.8	91.5	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	44.1	76.3	83.1	89.8	91.5	91.5	94.9	94.9	94.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	44.1	76.3	83.1	91.5	93.2	93.2	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.1	76.3	83.1	91.5	93.2	93.2	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.1	76.3	83.1	91.5	93.2	93.2	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.1	76.3	83.1	91.5	93.2	93.2	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.1	76.3	83.1	91.5	93.2	93.2	96.6	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 59

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	44.6	46.2	46.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	43.1	47.7	49.2	49.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	44.6	49.2	50.8	50.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	44.6	49.2	50.8	50.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	44.6	49.2	50.8	50.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	46.2	50.8	52.3	52.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	47.7	52.3	53.9	53.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	47.7	52.3	53.9	53.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	47.7	52.3	53.9	53.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000	47.7	52.3	53.9	53.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	47.7	52.3	53.9	53.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	47.7	53.9	55.4	55.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4500	49.2	55.4	56.9	56.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	50.8	58.5	60.0	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3500	53.9	64.6	66.2	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	60.0	72.3	76.9	76.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	63.1	78.5	83.1	83.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	64.6	81.5	86.2	86.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	64.6	83.1	87.7	87.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	64.6	86.2	90.8	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	64.6	86.2	90.8	92.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	64.6	86.2	90.8	92.3	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	64.6	86.2	90.8	92.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	58.5	61.5	61.5	63.1	63.1	63.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	53.9	61.5	64.6	64.6	66.2	66.2	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	56.9	64.6	67.7	67.7	69.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	56.9	64.6	67.7	67.7	69.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	56.9	64.6	67.7	67.7	69.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	56.9	64.6	67.7	67.7	69.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	58.5	66.2	69.2	69.2	70.8	70.8	70.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	58.5	66.2	69.2	69.2	70.8	70.8	70.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	58.5	66.2	69.2	69.2	70.8	70.8	70.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	61.5	69.2	72.3	72.3	73.9	73.9	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	63.1	70.8	73.9	73.9	75.4	75.4	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	63.1	70.8	73.9	73.9	75.4	75.4	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	64.6	72.3	75.4	75.4	76.9	76.9	76.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	66.2	75.4	78.5	78.5	80.0	80.0	80.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	69.2	80.0	83.1	86.2	87.7	87.7	87.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	75.4	86.2	89.2	92.3	93.9	93.9	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	75.4	86.2	89.2	92.3	93.9	93.9	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	75.4	87.7	90.8	93.9	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	75.4	87.7	90.8	93.9	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	75.4	89.2	92.3	95.4	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	75.4	89.2	92.3	95.4	96.9	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 65

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.7	74.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	58.7	74.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	60.3	76.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	60.3	76.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	60.3	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	60.3	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	60.3	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	60.3	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	61.9	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	61.9	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	61.9	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	61.9	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	61.9	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	63.5	84.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	66.7	87.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	71.4	92.1	93.7	93.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	71.4	92.1	95.2	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	71.4	92.1	95.2	95.2	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) APR (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 20000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	40.7	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	40.7	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	40.7	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	40.7	77.8	81.5	88.9	88.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	40.7	77.8	81.5	88.9	88.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	40.7	77.8	81.5	88.9	88.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	40.7	77.8	81.5	88.9	88.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	40.7	77.8	81.5	88.9	88.9	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) APR (MONTH)

22 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3500	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2500	25.0	64.3	64.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2000	25.0	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1800	25.0	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1500	25.0	67.9	67.9	71.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1200	25.0	67.9	67.9	71.4	75.0	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1000	25.0	67.9	67.9	78.6	82.1	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	25.0	67.9	67.9	78.6	82.1	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 800	25.0	67.9	67.9	78.6	82.1	85.7	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	25.0	67.9	67.9	78.6	82.1	85.7	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	25.0	67.9	67.9	78.6	82.1	85.7	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	25.0	67.9	67.9	78.6	82.1	85.7	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	25.0	67.9	67.9	78.6	82.1	85.7	89.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.0	67.9	67.9	78.6	82.1	85.7	89.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.0	67.9	67.9	78.6	82.1	85.7	89.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.0	67.9	67.9	78.6	82.1	85.7	89.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	25.0	67.9	67.9	78.6	82.1	85.7	89.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 28

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.6	56.1	59.0	59.8	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	40.0	57.4	60.3	61.1	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	41.0	58.5	61.4	62.1	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	41.0	58.5	61.4	62.1	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	41.0	58.8	61.6	62.4	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	41.3	59.0	61.9	62.7	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	42.0	59.8	62.7	63.5	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	42.0	59.8	62.7	63.5	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	42.3	60.1	62.9	63.7	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	42.8	60.8	63.7	64.5	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	43.1	61.1	64.0	64.8	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	43.3	61.6	64.5	65.3	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	44.1	62.9	65.8	66.8	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	45.2	65.5	68.7	69.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	47.0	68.9	72.3	73.9	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	50.1	73.6	77.8	79.6	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	51.2	76.0	80.2	82.0	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	51.4	77.3	81.5	83.3	85.4	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	51.4	77.6	81.7	83.6	85.6	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	51.4	79.4	83.8	86.2	89.0	89.8	90.1	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	51.7	79.6	84.1	86.7	89.6	90.9	91.1	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	51.7	79.9	84.6	87.7	90.6	91.9	92.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	51.7	79.9	84.6	87.7	90.6	92.2	93.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	51.7	80.2	84.9	88.0	91.1	93.0	95.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	51.7	80.2	84.9	88.0	91.1	93.0	95.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	51.7	80.2	84.9	88.0	91.1	93.2	95.3	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	51.7	80.4	85.1	88.3	91.4	93.7	96.3	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	51.7	80.4	85.1	88.8	91.9	94.3	96.9	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	51.7	80.4	85.1	88.8	91.9	94.3	96.9	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	51.7	80.4	85.1	88.8	91.9	94.3	96.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.7	80.4	85.1	88.8	91.9	94.3	96.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.7	80.4	85.1	88.8	91.9	94.3	96.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 383

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) MAY (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 20000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 18000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 16000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 14000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 12000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 10000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 9000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 8000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 7000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 6000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 5000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 4500		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 4000		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 3500		12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 3000	3.2	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 2500	3.2	29.0	29.0	29.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 2000	3.2	35.5	38.7	45.2	48.4	48.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1800	3.2	35.5	38.7	45.2	48.4	48.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1500	3.2	45.2	48.4	61.3	64.5	64.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1200	3.2	45.2	48.4	61.3	67.7	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	3.2	51.6	54.8	71.0	77.4	77.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	3.2	51.6	54.8	71.0	77.4	77.4	83.9	87.1	87.1	87.1	87.1	87.1	90.3	90.3	90.3	90.3
≥ 800	3.2	51.6	54.8	71.0	77.4	77.4	87.1	90.3	90.3	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 700	3.2	51.6	54.8	71.0	77.4	77.4	87.1	90.3	90.3	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 600	3.2	51.6	54.8	71.0	77.4	77.4	87.1	90.3	90.3	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 500	3.2	51.6	54.8	71.0	77.4	77.4	87.1	90.3	90.3	90.3	90.3	90.3	93.6	93.6	93.6	93.6
≥ 400	3.2	51.6	54.8	71.0	77.4	77.4	87.1	93.6	93.6	93.6	93.6	93.6	96.8	96.8	96.8	96.8
≥ 300	3.2	51.6	54.8	71.0	77.4	77.4	87.1	93.6	93.6	93.6	93.6	93.6	96.8	96.8	96.8	96.8
≥ 200	3.2	51.6	54.8	71.0	77.4	77.4	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0
≥ 100	3.2	51.6	54.8	71.0	77.4	77.4	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0
0	3.2	51.6	54.8	71.0	77.4	77.4	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31

DIRNAVOCEANMET SMOS

5203 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | MAY (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 20000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 16000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 14000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 8000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 7000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 6000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 5000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4500	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4000	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3500	6.5	12.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3000	6.5	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 2500	6.5	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 2000	6.5	25.8	29.0	38.7	41.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1800	6.5	25.8	29.0	38.7	41.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1500	6.5	35.5	38.7	58.1	64.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1200	6.5	35.5	38.7	58.1	64.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1000	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	93.6	93.6	93.6	93.6	93.6	93.6	96.8
≥ 300	6.5	41.9	45.2	67.7	77.4	83.9	87.1	87.1	87.1	93.6	93.6	93.6	93.6	93.6	93.6	96.8
≥ 200	6.5	41.9	45.2	67.7	77.4	83.9	87.1	90.3	90.3	96.8	96.8	96.8	96.8	96.8	96.8	100.0
≥ 100	6.5	41.9	45.2	67.7	77.4	83.9	87.1	90.3	90.3	96.8	96.8	96.8	96.8	96.8	96.8	100.0
0	6.5	41.9	45.2	67.7	77.4	83.9	87.1	90.3	90.3	96.8	96.8	96.8	96.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 31

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH) | 07 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.6	13.6	13.6	13.6	13.6	13.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 20000	10.6	15.2	15.2	15.2	15.2	15.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 18000	10.6	15.2	15.2	15.2	15.2	15.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 16000	10.6	15.2	15.2	15.2	15.2	15.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 14000	10.6	15.2	15.2	15.2	15.2	15.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 12000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 10000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 9000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 8000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 7000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 6000	10.6	16.7	16.7	16.7	16.7	16.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 5000	10.6	16.7	18.2	18.2	18.2	18.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 4500	10.6	16.7	18.2	18.2	18.2	18.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 4000	10.6	16.7	18.2	18.2	18.2	18.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 3500	10.6	16.7	18.2	18.2	18.2	18.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 3000	13.6	24.2	25.8	25.8	27.3	27.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 2500	13.6	25.8	27.3	27.3	28.8	28.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 2000	13.6	28.8	31.8	34.9	37.9	37.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 1800	13.6	28.8	31.8	34.9	37.9	37.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 1500	13.6	40.9	50.0	54.6	59.1	59.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1200	13.6	40.9	50.0	57.6	62.1	62.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	13.6	42.4	51.5	62.1	68.2	72.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 900	13.6	42.4	53.0	63.6	72.7	81.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 800	13.6	42.4	53.0	63.6	74.2	83.3	86.4	86.4	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	13.6	42.4	54.6	65.2	75.8	84.9	87.9	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	13.6	42.4	54.6	66.7	77.3	86.4	89.4	89.4	89.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 500	13.6	42.4	54.6	66.7	77.3	86.4	89.4	89.4	89.4	90.9	90.9	90.9	90.9	90.9	90.9	92.4
≥ 400	13.6	42.4	54.6	66.7	77.3	86.4	89.4	89.4	89.4	92.4	92.4	92.4	92.4	92.4	92.4	93.9
≥ 300	13.6	42.4	54.6	66.7	77.3	86.4	89.4	90.9	90.9	93.9	93.9	93.9	97.0	97.0	97.0	98.5
≥ 200	13.6	42.4	54.6	66.7	77.3	86.4	89.4	90.9	90.9	95.5	95.5	95.5	98.5	98.5	98.5	100.0
≥ 100	13.6	42.4	54.6	66.7	77.3	86.4	89.4	90.9	90.9	95.5	95.5	95.5	98.5	98.5	98.5	100.0
≥ 0	13.6	42.4	54.6	66.7	77.3	86.4	89.4	90.9	90.9	95.5	95.5	95.5	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 7000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 6000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 5000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4500	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4000	14.7	32.4	38.2	42.7	45.6	45.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 3500	17.7	35.3	41.2	45.6	48.5	48.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	20.6	44.1	50.0	54.4	57.4	57.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 2500	20.6	48.5	54.4	58.8	61.8	61.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2000	20.6	52.9	61.8	69.1	72.1	72.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	20.6	55.9	64.7	72.1	75.0	75.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	20.6	61.8	70.6	79.4	82.4	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	20.6	63.2	73.5	83.8	86.8	88.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	20.6	64.7	75.0	86.8	91.2	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	20.6	64.7	75.0	86.8	91.2	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	20.6	64.7	75.0	86.8	91.2	92.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	20.6	64.7	75.0	86.8	91.2	92.7	95.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	20.6	64.7	75.0	86.8	91.2	92.7	95.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	20.6	64.7	75.0	86.8	91.2	92.7	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 68

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

13 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500	26.2	56.9	61.5	66.2	69.2	69.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	26.2	58.5	63.1	67.7	70.8	70.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	26.2	58.5	63.1	67.7	70.8	70.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	26.2	61.5	66.2	70.8	73.9	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	27.7	66.2	70.8	75.4	78.5	78.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	27.7	69.2	76.9	83.1	86.2	86.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	27.7	69.2	76.9	83.1	86.2	86.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	27.7	72.3	80.0	86.2	89.2	89.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	27.7	72.3	80.0	89.2	93.9	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	27.7	73.9	81.5	90.8	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	27.7	73.9	81.5	90.8	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	27.7	73.9	81.5	90.8	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	27.7	73.9	81.5	90.8	96.9	96.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	56.3	62.5	65.6	70.3	70.3	70.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	26.6	60.9	67.2	70.3	75.0	75.0	75.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	26.6	64.1	70.3	73.4	78.1	78.1	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	26.6	65.6	71.9	75.0	79.7	79.7	79.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	26.6	68.8	75.0	79.7	84.4	84.4	84.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	26.6	68.8	75.0	79.7	84.4	84.4	84.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	26.6	73.4	81.3	87.5	92.2	92.2	92.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	28.1	75.0	82.8	89.1	93.8	93.8	93.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	28.1	76.6	84.4	90.6	95.3	95.3	95.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	28.1	76.6	84.4	90.6	95.3	95.3	95.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	28.1	76.6	84.4	90.6	95.3	95.3	95.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.1	76.6	84.4	90.6	95.3	95.3	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 64

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-74 (YEARS) MAY (MONTH)

19 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 9000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 8000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 7000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 5000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 4500	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 4000	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 3500	10.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 3000	10.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2500	10.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2000	10.5	68.4	79.0	79.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	10.5	68.4	79.0	79.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	10.5	68.4	79.0	79.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	10.5	68.4	79.0	79.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	10.5	68.4	79.0	79.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	10.5	68.4	79.0	79.0	89.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	10.5	68.4	79.0	79.0	89.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 74 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 18000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 16000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 14000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 12000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 10000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 9000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 8000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 7000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 6000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 5000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 4500		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 4000		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 3500		15.4	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 3000		30.8	38.5	38.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 2500		46.2	53.9	53.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 2000		46.2	61.5	69.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800		46.2	61.5	69.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500		46.2	61.5	69.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200		46.2	61.5	69.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1000		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		46.2	61.5	69.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 13

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.1	33.9	37.5	39.8	41.7	41.7	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	15.4	35.6	39.2	41.5	43.4	43.4	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	15.4	35.6	39.2	41.5	43.4	43.4	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	15.4	35.6	39.2	41.5	43.4	43.4	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	15.4	35.6	39.2	41.5	43.4	43.4	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 12000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 9000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 8000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 7000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 6000	15.4	35.9	39.5	41.7	43.7	43.7	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 5000	15.4	35.9	39.8	42.0	44.0	44.0	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 4500	15.4	35.9	39.8	42.0	44.0	44.0	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 4000	15.4	36.1	40.1	42.3	44.3	44.3	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 3500	16.0	36.7	40.6	42.9	44.8	44.8	45.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	17.4	43.7	47.6	49.9	52.4	52.4	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 2500	17.7	47.6	51.5	53.8	56.6	56.6	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 2000	17.7	51.0	57.4	63.0	67.0	67.2	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1800	17.7	51.5	58.0	63.6	67.5	67.8	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1500	17.7	58.0	65.8	73.7	78.2	78.7	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	17.9	58.5	66.7	75.9	81.2	81.8	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1000	17.9	60.8	68.9	79.6	86.6	88.2	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	17.9	60.8	69.2	79.8	87.4	90.2	92.2	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3
≥ 800	17.9	60.8	69.2	79.8	87.7	90.8	93.3	94.1	94.1	94.7	94.7	94.7	95.0	95.0	95.0	95.0
≥ 700	17.9	60.8	69.5	80.1	88.0	91.0	93.6	95.5	95.5	96.1	96.1	96.1	96.4	96.4	96.4	96.4
≥ 600	17.9	60.8	69.5	80.4	88.2	91.3	93.8	95.8	95.8	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 500	17.9	60.8	69.5	80.4	88.2	91.3	94.1	96.1	96.1	96.6	96.6	96.6	96.9	96.9	96.9	97.2
≥ 400	17.9	60.8	69.5	80.4	88.2	91.3	94.1	96.4	96.4	97.5	97.5	97.5	97.8	97.8	97.8	98.3
≥ 300	17.9	60.8	69.5	80.4	88.2	91.3	94.1	96.6	96.6	97.8	97.8	97.8	98.6	98.6	98.6	99.2
≥ 200	17.9	60.8	69.5	80.4	88.2	91.3	94.1	97.2	97.2	98.6	98.6	98.6	99.4	99.4	99.4	100.0
≥ 100	17.9	60.8	69.5	80.4	88.2	91.3	94.1	97.2	97.2	98.6	98.6	98.6	99.4	99.4	99.4	100.0
≥ 0	17.9	60.8	69.5	80.4	88.2	91.3	94.1	97.2	97.2	98.6	98.6	98.6	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 357

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUN (MONTH)

01 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 12000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 10000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 9000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 6000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 5000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 4500	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 4000	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 3500	5.6	16.7	16.7	16.7	16.7	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 3000	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1800	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1500	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1200	5.6	22.2	22.2	22.2	22.2	27.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1000	5.6	22.2	22.2	22.2	27.8	33.3	55.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 900	5.6	22.2	22.2	22.2	27.8	33.3	55.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 800	5.6	27.8	27.8	27.8	33.3	38.9	61.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 700	5.6	27.8	27.8	27.8	33.3	38.9	61.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 600	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 300	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 200	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 100	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	100.0	100.0
0	5.6	27.8	27.8	27.8	38.9	44.4	72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 18

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 20000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 18000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 16000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 14000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 12000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 10000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 9000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 8000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 7000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 6000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 5000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 4500	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 4000	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 3500	5.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 3000	5.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 2500	5.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 2000	5.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 1800	5.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 1500	5.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 1200	5.6	27.8	27.8	27.8	27.8	27.8	33.3	38.9	38.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1000	5.6	27.8	27.8	27.8	27.8	33.3	38.9	55.6	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 900	5.6	27.8	27.8	27.8	27.8	33.3	38.9	55.6	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 800	5.6	27.8	27.8	27.8	27.8	33.3	38.9	55.6	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 700	5.6	27.8	27.8	27.8	27.8	33.3	38.9	55.6	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 600	5.6	27.8	27.8	27.8	33.3	38.9	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 500	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 300	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 200	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 100	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	100.0	100.0
≥ 0	5.6	27.8	27.8	27.8	33.3	38.9	50.0	72.2	72.2	88.9	88.9	88.9	88.9	88.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 18

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH) | 07 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	*≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 20000	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 18000	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 16000	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 14000	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 12000	13.6	22.0	22.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 10000	15.3	23.7	23.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 9000	15.3	23.7	23.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 8000	15.3	23.7	23.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 7000	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 5000	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 4500	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 4000	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 3500	17.0	25.4	25.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 3000	17.0	25.4	27.1	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 2500	17.0	25.4	27.1	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 2000	17.0	25.4	28.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 1800	17.0	25.4	28.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 1500	17.0	27.1	30.5	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1200	17.0	30.5	35.6	42.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 1000	17.0	32.2	37.3	49.2	59.3	64.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 900	17.0	32.2	37.3	50.9	61.0	67.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 800	17.0	32.2	37.3	50.9	62.7	69.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 700	17.0	33.9	39.0	54.2	66.1	72.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 600	17.0	33.9	39.0	54.2	66.1	74.6	84.8	84.8	84.8	84.8	84.8	84.8	86.4	86.4	86.4	86.4
≥ 500	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	91.5	91.5	91.5	91.5
≥ 400	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	94.9	94.9	94.9	94.9
≥ 300	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	96.6	96.6	96.6	96.6
≥ 200	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	98.3	98.3	100.0	100.0
≥ 100	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	98.3	98.3	100.0	100.0
≥ 0	17.0	33.9	39.0	55.9	67.8	76.3	86.4	89.8	89.8	89.8	89.8	89.8	98.3	98.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 59

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 7000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 5000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3500	25.8	43.6	48.4	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3000	29.0	50.0	54.8	61.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 2500	29.0	51.6	56.5	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000	29.0	53.2	58.1	64.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1800	29.0	53.2	59.7	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	29.0	54.8	67.7	77.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1200	29.0	58.1	72.6	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	29.0	58.1	72.6	88.7	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	29.0	59.7	74.2	90.3	95.2	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	29.0	59.7	74.2	90.3	95.2	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	29.0	59.7	74.2	90.3	95.2	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	29.0	59.7	74.2	90.3	95.2	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.0	59.7	74.2	90.3	95.2	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) JUN (MONTH)

13 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.2	60.7	65.6	75.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 20000	31.2	60.7	65.6	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	31.2	60.7	65.6	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	31.2	60.7	65.6	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	31.2	60.7	65.6	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	31.2	60.7	65.6	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	31.2	60.7	65.6	77.1	78.7	80.3	80.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	31.2	65.6	70.5	82.0	83.6	85.3	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	31.2	67.2	72.1	83.6	85.3	86.9	86.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	31.2	68.9	73.8	85.3	86.9	88.5	88.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	31.2	70.5	75.4	86.9	90.2	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	31.2	70.5	77.1	90.2	95.1	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	31.2	70.5	77.1	90.2	95.1	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.2	70.5	77.1	90.2	95.1	96.7	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

16 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.4	65.6	65.6	72.1	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	34.4	65.6	65.6	72.1	73.8	75.4	75.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	34.4	65.6	65.6	72.1	73.8	75.4	75.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	34.4	67.2	67.2	73.8	75.4	77.1	77.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	34.4	67.2	67.2	73.8	75.4	77.1	77.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	34.4	67.2	67.2	73.8	75.4	77.1	77.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	34.4	68.9	68.9	75.4	77.1	78.7	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	37.7	72.1	72.1	78.7	80.3	82.0	82.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	37.7	72.1	72.1	78.7	80.3	82.0	82.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	37.7	73.8	73.8	80.3	82.0	85.3	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	37.7	73.8	73.8	80.3	82.0	85.3	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	37.7	77.1	78.7	85.3	86.9	90.2	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	37.7	77.1	78.7	85.3	88.5	91.8	91.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	37.7	78.7	80.3	88.5	93.4	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) _____ (YEARS) JUN (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 18000 < 16000																
< 16000 ≥ 14000 < 12000																
< 12000 ≥ 10000 < 9000																
< 9000 ≥ 8000 < 7000																
< 7000 ≥ 6000 < 5000																
< 5000 ≥ 4500 < 4000																
< 4000 ≥ 3500 < 3000																
< 3000 ≥ 2500 < 2000																
< 2000 ≥ 1800 < 1500																
< 1500 ≥ 1200 < 1000																
< 1000 ≥ 900 < 800																
< 800 ≥ 700 < 600																
< 600 ≥ 500 < 400																
< 400 ≥ 300 < 200																
< 200 ≥ 100 < 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) _____ (YEARS) JUN (MONTH)

22 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 < 20000																
≥ 14000 < 16000																
≥ 10000 < 12000																
≥ 8000 < 9000																
≥ 6000 < 7000																
≥ 4500 < 5000																
≥ 3500 < 4000																
≥ 2500 < 3000																
≥ 1800 < 2000																
≥ 1200 < 1500																
≥ 900 < 1000																
≥ 700 < 800																
≥ 500 < 600																
≥ 300 < 400																
≥ 100 < 200																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.7	44.1	46.2	51.6	52.7	53.4	54.8	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	23.7	44.1	46.2	51.6	52.7	53.8	55.2	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	23.7	44.1	46.2	51.6	52.7	53.8	55.2	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	23.7	44.4	46.6	52.0	53.1	54.1	55.6	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	23.7	44.4	46.6	52.0	53.1	54.1	55.6	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	23.7	44.4	46.6	52.0	53.1	54.1	55.6	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	24.0	45.2	47.3	53.1	54.1	55.2	56.6	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	24.0	45.2	47.3	53.1	54.1	55.2	56.6	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	24.0	45.2	47.3	53.1	54.1	55.2	56.6	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	24.4	45.5	47.7	53.4	54.5	55.6	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3000	25.8	48.4	50.9	56.6	57.7	58.8	60.2	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2500	25.8	48.8	51.3	57.0	58.1	59.1	60.6	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 2000	25.8	50.5	53.4	59.5	60.6	62.0	63.4	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1800	25.8	50.9	54.1	60.2	61.3	62.7	64.2	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1500	25.8	52.7	57.7	65.2	66.3	67.7	69.2	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1200	25.8	54.8	60.6	69.2	71.7	73.1	74.9	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1000	25.8	55.6	61.7	72.4	78.1	81.4	83.5	86.7	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	25.8	55.9	62.0	73.1	78.9	82.4	85.0	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	25.8	56.3	62.4	73.5	79.6	83.2	86.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	25.8	56.6	62.7	74.2	80.3	83.9	87.8	91.4	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600	25.8	56.6	62.7	74.2	81.0	85.0	90.3	93.9	93.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3
≥ 500	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 400	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	97.9	97.9	97.9	97.9
≥ 300	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	98.2	98.2	98.2	98.2
≥ 200	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	98.6	98.6	98.9	98.9
≥ 100	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	98.6	98.6	100.0	100.0
0	25.8	56.6	62.7	74.6	81.4	85.3	91.0	95.7	95.7	96.8	96.8	96.8	98.6	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 279

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

01 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 20000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 18000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 16000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 14000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 12000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 10000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 9000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 8000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 7000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 6000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 5000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 4500		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 4000		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 3500		4.4	4.4	4.4	4.4	4.4	13.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 3000		8.7	8.7	8.7	8.7	8.7	17.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 2500		8.7	8.7	8.7	8.7	8.7	17.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 2000		8.7	8.7	8.7	8.7	8.7	17.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 1800		8.7	8.7	8.7	8.7	8.7	17.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 1500		21.7	21.7	21.7	21.7	26.1	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 1200		26.1	26.1	26.1	30.4	34.8	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1000		26.1	30.4	34.8	43.5	47.8	56.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 900		26.1	30.4	34.8	43.5	47.8	56.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 800		26.1	30.4	39.1	47.8	52.2	60.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 700		26.1	30.4	39.1	47.8	52.2	60.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 600		26.1	30.4	39.1	47.8	52.2	60.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 500		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 300		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		26.1	30.4	39.1	47.8	52.2	65.2	91.3	91.3	91.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03194 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 20000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 18000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 16000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 14000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 12000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 10000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 9000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 8000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 7000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 6000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 5000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 3500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 3000	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 2500	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 2000	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 1800	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 1500	4.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 1200	4.4	21.7	21.7	26.1	30.4	30.4	30.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1000	4.4	21.7	26.1	34.8	39.1	43.5	43.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 900	4.4	21.7	26.1	34.8	39.1	43.5	43.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 800	4.4	21.7	26.1	34.8	39.1	47.8	47.8	65.2	65.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 700	4.4	21.7	26.1	34.8	43.5	52.2	52.2	69.6	69.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 600	4.4	21.7	26.1	34.8	43.5	52.2	52.2	69.6	69.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 500	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 400	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 300	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 200	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 100	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	91.3	95.7
0	4.4	21.7	26.1	34.8	43.5	52.2	56.5	78.3	78.3	82.6	82.6	82.6	87.0	87.0	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 23

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.5	20.9	22.4	23.9	25.4	25.4	25.4	26.9	26.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 20000	7.5	20.9	22.4	23.9	25.4	25.4	25.4	26.9	26.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 18000	7.5	20.9	22.4	23.9	25.4	25.4	25.4	26.9	26.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 16000	7.5	20.9	22.4	23.9	25.4	25.4	25.4	26.9	26.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 14000	7.5	20.9	22.4	23.9	25.4	25.4	25.4	26.9	26.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 10000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 9000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 8000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 7000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 6000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 5000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4500	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4000	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 3500	9.0	23.9	25.4	26.9	28.4	28.4	28.4	29.9	29.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 3000	9.0	25.4	26.9	28.4	29.9	29.9	29.9	31.3	31.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 2500	10.5	29.9	31.3	32.8	34.3	34.3	34.3	35.8	35.8	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2000	11.9	31.3	35.8	37.3	38.8	38.8	38.8	40.3	40.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 1800	11.9	32.8	37.3	38.8	40.3	40.3	40.3	41.8	41.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 1500	11.9	35.8	43.3	44.8	47.8	47.8	47.8	49.3	49.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 1200	11.9	35.8	43.3	55.2	59.7	59.7	59.7	61.2	61.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1000	11.9	37.3	46.3	61.2	70.2	70.2	70.2	71.6	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 900	11.9	37.3	47.8	62.7	71.6	73.1	73.1	74.6	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 800	11.9	37.3	47.8	62.7	71.6	77.6	77.6	79.1	79.1	80.6	82.1	82.1	82.1	82.1	82.1	82.1
≥ 700	11.9	37.3	47.8	64.2	73.1	79.1	79.1	80.6	82.1	83.6	85.1	85.1	85.1	85.1	85.1	85.1
≥ 600	11.9	37.3	47.8	64.2	73.1	79.1	79.1	82.1	83.6	86.6	88.1	88.1	88.1	88.1	88.1	88.1
≥ 500	11.9	37.3	47.8	64.2	73.1	79.1	82.1	86.6	88.1	94.0	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	11.9	37.3	47.8	64.2	73.1	79.1	82.1	88.1	89.6	95.5	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	11.9	37.3	47.8	64.2	73.1	79.1	82.1	88.1	89.6	95.5	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	11.9	37.3	47.8	64.2	73.1	79.1	82.1	88.1	89.6	95.5	98.5	98.5	98.5	98.5	100.0	100.0
≥ 100	11.9	37.3	47.8	64.2	73.1	79.1	82.1	88.1	89.6	95.5	98.5	98.5	98.5	98.5	100.0	100.0
≥ 0	11.9	37.3	47.8	64.2	73.1	79.1	82.1	88.1	89.6	95.5	98.5	98.5	98.5	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	61.2	65.7	73.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	34.3	61.2	65.7	73.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	34.3	61.2	65.7	73.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	34.3	61.2	65.7	73.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	34.3	61.2	65.7	73.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	35.8	62.7	67.2	74.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	37.3	64.2	70.2	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	37.3	65.7	71.6	80.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	37.3	67.2	73.1	82.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	37.3	67.2	74.6	83.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	37.3	70.2	83.6	92.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	37.3	70.2	85.1	94.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	37.3	70.2	85.1	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	37.3	70.2	85.1	94.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.8	77.6	82.1	83.6	86.6	86.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 20000	47.8	82.1	86.6	88.1	91.0	91.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 18000	47.8	82.1	86.6	88.1	91.0	91.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 16000	47.8	82.1	86.6	88.1	91.0	91.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 14000	47.8	83.6	88.1	89.6	92.5	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 12000	49.3	86.6	91.0	92.5	95.5	95.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 10000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 8000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	50.8	88.1	92.5	94.0	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.8	88.1	92.5	95.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) JUL (MONTH)

16 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	80.0	81.5	81.5	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 20000	52.3	81.5	83.1	83.1	86.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	52.3	81.5	83.1	83.1	86.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	52.3	81.5	83.1	83.1	86.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	52.3	83.1	84.6	84.6	87.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 8000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	56.9	87.7	89.2	89.2	92.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	56.9	89.2	90.8	90.8	93.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	56.9	89.2	90.8	90.8	93.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	56.9	90.8	92.3	92.3	95.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	56.9	90.8	92.3	92.3	95.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	56.9	90.8	92.3	92.3	95.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	56.9	92.3	93.9	93.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	25.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	25.0	70.0	75.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	25.0	70.0	75.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	25.0	75.0	80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	25.0	75.0	80.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	25.0	80.0	85.0	95.0	95.0	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) JUL (MONTH)

22 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 6000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	5.0	10.0	20.0	25.0	30.0	35.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	5.0	15.0	30.0	35.0	40.0	45.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1800	5.0	15.0	30.0	35.0	40.0	45.0	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	5.0	15.0	35.0	40.0	45.0	50.0	55.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 1200	5.0	25.0	45.0	50.0	55.0	65.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	5.0	25.0	45.0	50.0	65.0	75.0	85.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	5.0	25.0	45.0	50.0	65.0	75.0	85.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	5.0	25.0	45.0	50.0	65.0	75.0	85.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.7	50.0	53.1	56.0	58.2	58.8	59.9	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	28.7	51.1	54.3	57.1	59.4	60.2	61.4	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	28.7	51.1	54.3	57.1	59.4	60.2	61.4	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	28.7	51.1	54.3	57.1	59.4	60.2	61.4	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	28.7	51.7	54.8	57.7	59.9	60.8	61.9	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	30.4	54.0	57.1	59.9	62.2	63.1	64.2	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	31.0	54.6	58.0	61.1	63.4	64.2	65.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	31.0	55.4	58.8	61.9	64.2	65.1	66.2	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2500	31.3	56.5	59.9	63.1	65.3	66.2	67.3	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2000	31.5	57.7	61.9	65.1	67.3	68.2	69.3	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	31.5	58.0	62.5	65.6	67.9	68.8	69.9	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	31.5	61.4	67.9	71.0	73.6	74.7	75.9	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1200	31.5	62.2	69.0	74.4	77.8	79.3	80.4	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	31.5	63.1	70.7	77.6	82.7	84.4	86.4	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900	31.5	63.1	71.0	77.8	83.2	85.2	87.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	31.5	63.1	71.0	78.1	83.5	86.7	88.6	92.6	92.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	31.5	63.4	71.3	78.7	84.4	87.5	89.5	93.5	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	31.5	63.4	71.3	78.7	84.4	87.5	89.5	93.8	94.0	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.5	95.7	97.2	97.4	97.4	97.7	97.7	97.7	97.7
≥ 400	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.7	96.0	97.4	97.7	97.7	98.0	98.0	98.0	98.0
≥ 300	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.7	96.0	97.4	97.7	97.7	98.0	98.0	98.0	98.0
≥ 200	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.7	96.0	97.4	98.3	98.3	98.6	98.6	98.9	98.9
≥ 100	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.7	96.0	97.4	98.6	98.6	98.9	98.9	99.4	99.7
≥ 0	31.5	63.4	71.3	78.7	84.4	87.5	90.6	95.7	96.0	97.4	98.6	98.6	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 352

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 18000			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 16000			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 14000			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 12000			13.0	26.1	30.4	30.4	34.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 10000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 9000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 8000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 5000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4500			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4000			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 3500			13.0	30.4	34.8	34.8	39.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 3000		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2500		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2000		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1800		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1500		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1200		4.4	17.4	34.8	39.1	39.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1000		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		4.4	26.1	56.5	73.9	73.9	91.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) AUG (MONTH)

04 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 20000		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 18000		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 16000		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 14000		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 12000		4.4	4.4	4.4	8.7	8.7	8.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 10000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 9000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 8000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 7000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 6000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 5000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3500		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2500		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2000		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1800		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1500		4.4	4.4	8.7	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1200		4.4	4.4	8.7	17.4	17.4	17.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 1000		4.4	17.4	34.8	52.2	56.5	56.5	69.6	69.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 900		4.4	17.4	34.8	52.2	56.5	56.5	69.6	69.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 800		4.4	17.4	34.8	56.5	60.9	65.2	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 700		4.4	17.4	34.8	56.5	60.9	65.2	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 600		4.4	17.4	34.8	56.5	60.9	65.2	78.3	78.3	82.6	82.6	82.6	87.0	87.0	87.0	87.0
≥ 500		4.4	17.4	34.8	56.5	65.2	69.6	82.6	82.6	87.0	87.0	87.0	95.7	95.7	95.7	95.7
≥ 400		4.4	17.4	34.8	60.9	69.6	73.9	87.0	87.0	91.3	91.3	91.3	100.0	100.0	100.0	100.0
≥ 300		4.4	17.4	34.8	60.9	69.6	73.9	87.0	87.0	91.3	91.3	91.3	100.0	100.0	100.0	100.0
≥ 200		4.4	17.4	34.8	60.9	69.6	73.9	87.0	87.0	91.3	91.3	91.3	100.0	100.0	100.0	100.0
≥ 100		4.4	17.4	34.8	60.9	69.6	73.9	87.0	87.0	91.3	91.3	91.3	100.0	100.0	100.0	100.0
0		4.4	17.4	34.8	60.9	69.6	73.9	87.0	87.0	91.3	91.3	91.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.1	7.6	7.6	7.6	10.6	10.6	10.6	10.6	10.6	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 20000	6.1	7.6	7.6	7.6	10.6	12.1	12.1	12.1	12.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 18000	6.1	7.6	7.6	7.6	10.6	12.1	12.1	12.1	12.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000	6.1	7.6	7.6	7.6	10.6	12.1	12.1	12.1	12.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 14000	6.1	7.6	7.6	7.6	10.6	12.1	12.1	12.1	12.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 12000	7.6	9.1	9.1	9.1	12.1	13.6	13.6	13.6	13.6	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 10000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 9000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 8000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 7000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 6000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 5000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 4500	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 4000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 3500	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 3000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 2500	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 2000	7.6	9.1	9.1	10.6	13.6	15.2	15.2	15.2	15.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 1800	7.6	9.1	10.6	12.1	15.2	16.7	16.7	16.7	16.7	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 1500	7.6	16.7	19.7	21.2	24.2	25.8	25.8	25.8	25.8	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 1200	7.6	19.7	24.2	27.3	33.3	34.9	36.4	36.4	36.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 1000	7.6	19.7	27.3	42.4	54.6	57.6	60.6	60.6	60.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 900	7.6	19.7	27.3	42.4	57.6	62.1	65.2	65.2	65.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	7.6	19.7	28.8	47.0	62.1	68.2	74.2	74.2	74.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 700	7.6	19.7	28.8	50.0	65.2	72.7	78.8	78.8	78.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 600	7.6	19.7	28.8	50.0	65.2	72.7	78.8	78.8	78.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 500	7.6	19.7	28.8	50.0	65.2	72.7	78.8	80.3	81.8	86.4	86.4	86.4	87.9	87.9	87.9	87.9
≥ 400	7.6	19.7	28.8	50.0	65.2	72.7	78.8	81.8	83.3	90.9	90.9	90.9	93.9	93.9	93.9	93.9
≥ 300	7.6	19.7	28.8	50.0	65.2	72.7	78.8	81.8	83.3	92.4	92.4	92.4	95.5	95.5	95.5	95.5
≥ 200	7.6	19.7	28.8	50.0	65.2	72.7	78.8	81.8	83.3	92.4	93.9	93.9	97.0	97.0	98.5	100.0
≥ 100	7.6	19.7	28.8	50.0	65.2	72.7	78.8	81.8	83.3	92.4	93.9	93.9	97.0	97.0	98.5	100.0
0	7.6	19.7	28.8	50.0	65.2	72.7	78.8	81.8	83.3	92.4	93.9	93.9	97.0	97.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH) | 10 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.9	51.6	65.6	73.4	75.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	21.9	53.1	67.2	75.0	76.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	21.9	53.1	67.2	75.0	76.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	21.9	53.1	67.2	75.0	76.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	21.9	53.1	67.2	75.0	76.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	21.9	53.1	67.2	75.0	76.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	21.9	53.1	67.2	76.6	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	21.9	53.1	67.2	76.6	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	21.9	53.1	67.2	76.6	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	21.9	56.3	71.9	81.3	84.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	23.4	59.4	75.0	85.9	89.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	23.4	59.4	75.0	90.6	93.8	95.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	23.4	59.4	75.0	90.6	93.8	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	23.4	59.4	75.0	90.6	93.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 20000	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 18000	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 16000	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 14000	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 12000	38.1	65.1	79.4	90.5	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 10000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.1	66.7	81.0	92.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.3	66.0	80.9	83.0	89.4	89.4	89.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 20000	38.3	66.0	85.1	87.2	93.6	93.6	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 18000	38.3	66.0	85.1	87.2	93.6	93.6	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 16000	38.3	66.0	85.1	87.2	93.6	93.6	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 14000	38.3	66.0	85.1	87.2	93.6	93.6	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 12000	38.3	66.0	85.1	87.2	93.6	93.6	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 10000	38.3	66.0	87.2	89.4	95.7	95.7	95.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 9000	38.3	66.0	87.2	89.4	95.7	95.7	95.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 8000	38.3	66.0	87.2	89.4	95.7	95.7	95.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	38.3	66.0	87.2	89.4	95.7	95.7	95.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 6000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	40.4	68.1	89.4	91.5	97.9	97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 47

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) AUG (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 20000	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 16000	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 14000	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	11.8	29.4	47.1	76.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	11.8	29.4	47.1	76.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 9000	11.8	29.4	47.1	76.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	11.8	29.4	47.1	76.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	11.8	29.4	47.1	76.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.7	35.3	52.9	82.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) AUG (MONTH)

22 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000			23.5	41.2	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3000		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2500		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2000		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1800		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1500		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1200		5.9	29.4	47.1	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1000		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		5.9	35.3	52.9	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.4	36.3	47.2	54.7	60.0	60.6	61.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	19.4	36.6	48.1	55.6	60.9	61.9	62.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	19.4	36.6	48.1	55.6	60.9	61.9	62.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	19.4	36.6	48.1	55.6	60.9	61.9	62.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	19.4	36.6	48.1	55.6	60.9	61.9	62.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	19.7	36.9	48.4	55.9	61.3	62.2	62.8	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	19.7	37.2	49.1	57.8	63.4	64.4	65.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	19.7	37.2	49.1	57.8	63.4	64.4	65.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	19.7	37.2	49.1	57.8	63.4	64.4	65.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	19.7	37.2	49.1	57.8	63.4	64.4	65.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 6000	20.3	38.1	50.0	58.8	64.4	65.3	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	20.3	38.1	50.0	58.8	64.4	65.3	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	20.3	38.1	50.0	58.8	64.4	65.3	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4000	20.3	38.1	50.0	58.8	64.4	65.3	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500	20.3	38.1	50.0	58.8	64.4	65.3	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3000	20.3	38.4	50.3	59.1	64.7	65.6	66.3	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2500	20.3	38.4	50.3	59.1	64.7	65.6	66.3	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2000	20.3	38.4	50.3	59.1	65.0	65.9	66.6	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	20.3	38.4	50.6	59.4	65.3	66.3	66.9	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1500	20.3	40.6	53.4	62.2	68.1	69.1	69.7	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1200	20.6	41.9	55.0	64.4	71.3	72.2	73.1	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1000	20.6	41.9	57.5	72.2	83.1	84.7	87.2	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	20.6	41.9	57.5	72.2	83.8	85.9	88.4	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	20.6	41.9	57.8	73.1	85.0	87.8	91.3	93.1	93.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4
≥ 700	20.6	41.9	57.8	73.8	85.6	88.8	92.2	94.1	94.1	95.0	95.0	95.0	95.3	95.3	95.3	95.3
≥ 600	20.6	41.9	57.8	73.8	85.6	88.8	92.2	94.1	94.1	95.0	95.0	95.0	95.3	95.3	95.3	95.3
≥ 500	20.6	41.9	57.8	73.8	85.6	89.1	92.5	94.7	95.0	96.3	96.3	96.3	97.2	97.2	97.2	97.2
≥ 400	20.6	41.9	57.8	73.8	85.9	89.4	92.8	95.3	95.6	97.5	97.5	97.5	98.8	98.8	98.8	98.8
≥ 300	20.6	41.9	57.8	73.8	85.9	89.4	92.8	95.3	95.6	97.8	97.8	97.8	99.1	99.1	99.1	99.1
≥ 200	20.6	41.9	57.8	73.8	85.9	89.4	92.8	95.3	95.6	97.8	98.1	98.1	99.4	99.4	99.7	100.0
≥ 100	20.6	41.9	57.8	73.8	85.9	89.4	92.8	95.3	95.6	97.8	98.1	98.1	99.4	99.4	99.7	100.0
≥ 0	20.6	41.9	57.8	73.8	85.9	89.4	92.8	95.3	95.6	97.8	98.1	98.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 320

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) SEP (MONTH)

01 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 18000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 16000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 14000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 12000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 10000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 9000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 8000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 7000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 6000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 5000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4500	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3500	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3000	5.9	5.9	5.9	11.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 2500	5.9	11.8	11.8	17.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 2000	5.9	11.8	11.8	17.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1800	5.9	11.8	11.8	17.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1500	5.9	11.8	17.7	23.5	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 1200	5.9	11.8	23.5	35.3	47.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1000	5.9	11.8	29.4	41.2	64.7	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	5.9	11.8	29.4	41.2	64.7	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	5.9	11.8	29.4	41.2	64.7	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	5.9	11.8	29.4	41.2	64.7	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	5.9	11.8	29.4	41.2	64.7	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	5.9	11.8	29.4	41.2	64.7	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) SEP (MONTH)

04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 20000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 18000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 16000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 14000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 12000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 10000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 9000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 8000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 7000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 6000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 5000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 4500	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 4000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 3500	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 3000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 2500	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 2000	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 1800	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 1500	5.9	5.9	11.8	17.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 1200	5.9	5.9	17.7	29.4	41.2	41.2	47.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1000	5.9	5.9	17.7	29.4	58.8	70.6	82.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	5.9	5.9	17.7	29.4	58.8	70.6	82.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	5.9	5.9	17.7	29.4	58.8	70.6	82.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0
0	5.9	5.9	17.7	29.4	58.8	70.6	82.4	94.1	94.1	94.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 20000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 18000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 16000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 14000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 12000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 10000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 9000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0
≥ 8000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	26.7
≥ 7000	15.0	20.0	20.0	21.7	23.3	23.3	23.3	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	26.7
≥ 6000	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 5000	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 4500	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 4000	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 3500	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 3000	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 2500	15.0	20.0	20.0	21.7	23.3	23.3	25.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.3
≥ 2000	15.0	21.7	21.7	25.0	26.7	26.7	28.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	31.7
≥ 1800	15.0	21.7	21.7	25.0	26.7	26.7	28.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	31.7
≥ 1500	15.0	21.7	23.3	28.3	33.3	33.3	35.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.3
≥ 1200	15.0	26.7	28.3	36.7	43.3	45.0	46.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	50.0
≥ 1000	15.0	26.7	28.3	36.7	46.7	55.0	61.7	65.0	65.0	65.0	65.0	65.0	66.7	66.7	66.7	68.3
≥ 900	15.0	26.7	28.3	36.7	46.7	56.7	65.0	68.3	68.3	68.3	68.3	68.3	70.0	70.0	70.0	71.7
≥ 800	15.0	26.7	28.3	38.3	50.0	60.0	68.3	73.3	73.3	73.3	73.3	73.3	75.0	75.0	75.0	76.7
≥ 700	15.0	26.7	28.3	38.3	50.0	61.7	70.0	75.0	75.0	75.0	75.0	75.0	76.7	76.7	76.7	78.3
≥ 600	15.0	26.7	28.3	38.3	50.0	61.7	70.0	75.0	75.0	75.0	75.0	75.0	76.7	76.7	76.7	78.3
≥ 500	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	83.3	83.3	83.3	85.0	85.0	85.0	86.7
≥ 400	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	85.0	85.0	85.0	86.7	86.7	86.7	88.3
≥ 300	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	85.0	88.3	88.3	93.3	93.3	95.0	96.7
≥ 200	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	85.0	88.3	88.3	95.0	95.0	98.3	100.0
≥ 100	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	85.0	88.3	88.3	95.0	95.0	98.3	100.0
≥ 0	15.0	26.7	28.3	38.3	50.0	61.7	73.3	78.3	78.3	85.0	88.3	88.3	95.0	95.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	30.0	46.7	53.3	61.7	63.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500	31.7	48.3	55.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	31.7	50.0	56.7	65.0	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2500	31.7	50.0	56.7	65.0	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2000	31.7	51.7	58.3	66.7	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	31.7	51.7	58.3	66.7	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	31.7	51.7	60.0	68.3	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1200	31.7	55.0	66.7	80.0	85.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	31.7	55.0	66.7	81.7	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	31.7	55.0	66.7	81.7	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	31.7	55.0	66.7	81.7	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	31.7	55.0	66.7	81.7	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	31.7	55.0	66.7	81.7	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.7	55.0	66.7	81.7	95.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 (HOURS (L S T.))

THIS PAGE IS BEST QUALITY PRACTICABLE
FROM COPY FURNISHED TO DDC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	54.4	63.2	68.4	71.9	71.9	71.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	33.3	54.4	63.2	68.4	73.7	73.7	73.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	33.3	54.4	63.2	68.4	73.7	73.7	73.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	33.3	56.1	64.9	70.2	75.4	75.4	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	35.1	57.9	66.7	71.9	77.2	77.2	77.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	36.8	59.7	68.4	73.7	79.0	79.0	79.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	36.8	59.7	68.4	73.7	79.0	79.0	79.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	36.8	59.7	70.2	77.2	82.5	82.5	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	36.8	59.7	70.2	77.2	82.5	82.5	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	36.8	59.7	70.2	77.2	84.2	84.2	84.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	38.6	64.9	75.4	86.0	94.7	94.7	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	38.6	64.9	75.4	87.7	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 57

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	25.0	53.9	63.5	73.1	76.9	76.9	76.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	25.0	55.8	65.4	75.0	78.9	78.9	78.9	78.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	25.0	55.8	65.4	75.0	78.9	78.9	78.9	78.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	25.0	55.8	65.4	75.0	78.9	78.9	78.9	78.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	25.0	55.8	65.4	75.0	78.9	78.9	78.9	78.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	25.0	55.8	65.4	75.0	78.9	78.9	78.9	78.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	25.0	59.6	69.2	78.9	84.6	84.6	84.6	84.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	25.0	63.5	73.1	86.5	92.3	92.3	92.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	25.0	67.3	76.9	90.4	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 52

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) SEP (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4000	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3500	8.3	16.7	41.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 3000	8.3	25.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	8.3	25.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	8.3	25.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1800	8.3	25.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	16.7	33.3	58.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1200	16.7	33.3	75.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	16.7	41.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) SEP (MONTH)

22 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 18000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 16000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 14000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 12000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 10000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 9000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 8000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 7000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 6000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 5000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 4500	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 4000	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 3500	8.3	8.3	16.7	25.0	41.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
AVA 3000	8.3	16.7	25.0	33.3	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
AVA 2500	8.3	16.7	25.0	33.3	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
AVA 2000	8.3	16.7	25.0	33.3	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
AVA 1800	8.3	16.7	25.0	33.3	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
AVA 1500	8.3	25.0	33.3	41.7	58.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AVA 1200	8.3	25.0	33.3	50.0	75.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
AVA 1000	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 900	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 800	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 700	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 600	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 500	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 400	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 300	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 200	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 100	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVA 0	8.3	33.3	41.7	58.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) SEP (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	36.2	42.5	49.1	52.3	53.0	53.0	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0
≥ 20000	22.0	36.2	42.5	49.1	52.6	53.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
≥ 18000	22.0	36.2	42.5	49.1	52.6	53.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
≥ 16000	22.0	36.6	42.9	49.5	53.0	53.7	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 14000	22.0	36.6	42.9	49.5	53.0	53.7	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 12000	22.0	36.6	42.9	49.5	53.0	53.7	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 10000	22.0	36.6	42.9	49.5	53.0	53.7	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 9000	22.3	36.9	43.2	49.8	53.3	54.0	54.0	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.1
≥ 8000	22.3	36.9	43.2	49.8	53.3	54.0	54.0	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.4
≥ 7000	22.3	36.9	43.2	49.8	53.3	54.0	54.0	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.4
≥ 6000	22.3	36.9	43.2	49.8	53.3	54.0	54.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
≥ 5000	22.3	36.9	43.2	49.8	53.3	54.0	54.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
≥ 4500	22.3	36.9	43.2	49.8	53.3	54.0	54.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
≥ 4000	22.3	36.9	43.2	49.8	53.3	54.0	54.4	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
≥ 3500	22.7	37.6	43.9	50.5	54.0	54.7	55.1	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.5
≥ 3000	23.0	39.0	45.3	51.9	55.4	56.1	56.5	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
≥ 2500	23.0	39.4	45.6	52.3	55.8	56.5	56.8	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.2
≥ 2000	23.0	40.1	46.7	54.0	57.5	58.2	58.5	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1800	23.0	40.1	46.7	54.0	57.5	58.2	58.5	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1500	23.3	41.5	49.5	57.1	62.4	63.1	63.4	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8
≥ 1200	23.7	45.0	55.1	66.9	74.6	76.7	77.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.1
≥ 1000	23.7	46.3	56.8	69.3	81.5	86.4	88.9	90.6	90.9	90.9	90.9	90.9	91.3	91.3	91.3	91.6
≥ 900	23.7	46.3	56.8	69.3	81.5	86.8	89.6	91.3	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.3
≥ 800	23.7	46.3	56.8	69.7	82.6	87.8	90.6	92.7	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.7
≥ 700	23.7	46.3	56.8	69.7	82.6	88.2	90.9	93.4	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.4
≥ 600	23.7	46.3	56.8	69.7	82.6	88.2	90.9	93.4	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.4
≥ 500	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.2	96.2	96.2	96.5	96.5	96.5	96.9
≥ 400	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.5	96.5	96.5	96.9	96.9	96.9	97.2
≥ 300	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.5	97.6	97.6	98.6	98.6	99.0	99.3
≥ 200	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.5	97.6	97.6	99.0	99.0	99.7	100.0
≥ 100	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.5	97.6	97.6	99.0	99.0	99.7	100.0
0	23.7	46.3	56.8	69.7	82.6	88.2	92.0	94.8	95.1	96.5	97.6	97.6	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 287

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH) | 01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 7000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 6000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 5000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3000	9.5	42.9	47.6	52.4	52.4	52.4	52.4	52.4	52.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 2500	9.5	47.6	52.4	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	9.5	47.6	52.4	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1800	9.5	47.6	52.4	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1500	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1200	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1000	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 900	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 800	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 700	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 600	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 500	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 400	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 300	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 200	9.5	47.6	52.4	66.7	76.2	76.2	76.2	76.2	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 100	9.5	47.6	52.4	66.7	76.2	76.2	76.2	81.0	81.0	85.7	85.7	85.7	85.7	85.7	90.5	90.5
0	9.5	47.6	52.4	66.7	76.2	76.2	76.2	81.0	81.0	85.7	85.7	85.7	85.7	85.7	90.5	100.0

TOTAL NUMBER OF OBSERVATIONS 21

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH) | 04 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 9000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 6000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 5000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4500	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 3500	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 3000	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 2500	5.0	40.0	45.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 2000	5.0	45.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1800	5.0	45.0	50.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 900	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 800	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 700	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 600	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 500	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 400	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 300	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 200	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 100	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	85.0	90.0	90.0	90.0	90.0	95.0	95.0
0	5.0	45.0	50.0	70.0	80.0	80.0	80.0	80.0	80.0	85.0	90.0	90.0	90.0	90.0	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 20

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH) | 07 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.0	41.4	41.4	43.1	44.8	44.8	44.8	44.8	44.8	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	31.0	43.1	44.8	46.6	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 7000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4500	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4000	32.8	44.8	46.6	48.3	51.7	51.7	51.7	51.7	51.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3500	32.8	46.6	48.3	50.0	53.5	53.5	53.5	53.5	53.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3000	34.5	50.0	51.7	55.2	58.6	58.6	58.6	58.6	58.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2500	34.5	55.2	56.9	60.3	63.8	63.8	63.8	63.8	63.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2000	34.5	55.2	58.6	62.1	65.5	65.5	65.5	65.5	65.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800	34.5	55.2	58.6	62.1	65.5	65.5	65.5	65.5	65.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1500	34.5	55.2	60.3	70.7	79.3	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1200	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	36.2	58.6	63.8	74.1	82.8	82.8	82.8	82.8	84.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 500	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 400	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 300	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	93.1	93.1	93.1	94.8	94.8	96.6	96.6
≥ 200	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	93.1	93.1	93.1	94.8	94.8	96.6	96.6
≥ 100	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	93.1	93.1	93.1	96.6	96.6	98.3	98.3
0	36.2	58.6	65.5	75.9	84.5	84.5	86.2	86.2	87.9	93.1	93.1	93.1	96.6	96.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.6	55.6	58.7	60.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 16000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4000	49.2	60.3	63.5	65.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	50.8	61.9	65.1	66.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	54.0	68.3	73.0	74.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	54.0	68.3	74.6	76.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	55.6	73.0	79.4	82.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	55.6	73.0	79.4	82.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	57.1	74.6	81.0	85.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	57.1	74.6	82.5	87.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	57.1	74.6	82.5	88.9	96.8	96.8	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.6	62.9	66.1	67.7	69.4	69.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	51.6	69.4	72.6	74.2	75.8	75.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	53.2	71.0	74.2	75.8	77.4	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	53.2	71.0	74.2	75.8	77.4	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	53.2	71.0	74.2	75.8	77.4	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	53.2	71.0	74.2	77.4	79.0	79.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	53.2	71.0	74.2	77.4	79.0	79.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	53.2	71.0	74.2	77.4	79.0	79.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	53.2	71.0	74.2	77.4	79.0	79.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	54.8	72.6	75.8	79.0	80.7	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	54.8	72.6	75.8	79.0	80.7	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	54.8	72.6	75.8	79.0	80.7	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	54.8	72.6	75.8	79.0	80.7	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	54.8	72.6	75.8	79.0	80.7	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	58.1	75.8	79.0	82.3	83.9	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	58.1	80.7	83.9	87.1	88.7	88.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	59.7	83.9	87.1	90.3	91.9	91.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	59.7	85.5	88.7	91.9	93.6	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.6	96.8	96.8	96.8
≥ 1800	59.7	85.5	88.7	91.9	93.6	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	59.7	85.5	88.7	93.6	95.2	95.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	59.7	85.5	88.7	93.6	95.2	95.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	59.7	85.5	88.7	93.6	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

16 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.2	71.0	74.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	56.5	75.8	80.7	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 18000	58.1	77.4	82.3	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	58.1	77.4	82.3	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	58.1	77.4	82.3	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	58.1	77.4	82.3	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	59.7	79.0	83.9	87.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	59.7	80.7	85.5	88.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	59.7	82.3	87.1	91.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	59.7	82.3	88.7	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	59.7	82.3	88.7	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	59.7	82.3	88.7	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	59.7	82.3	88.7	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	59.7	82.3	88.7	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	59.7	82.3	88.7	95.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	59.7	82.3	88.7	95.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	59.7	82.3	88.7	95.2	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 20000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 18000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 16000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 14000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 12000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 8000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0
0	25.0	68.8	81.3	81.3	81.3	81.3	93.8	93.8	93.8	93.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 20000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	18.8	56.3	62.5	75.0	75.0	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 500	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 400	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8
≥ 300	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8
≥ 200	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8
≥ 100	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	100.0
≥ 0	18.8	56.3	62.5	81.3	81.3	81.3	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	56.3	59.8	62.6	64.2	64.2	65.7	65.7	65.7	66.4	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	39.6	59.8	63.8	66.7	68.9	68.9	70.4	70.4	70.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	40.3	60.4	64.5	67.3	69.5	69.5	71.1	71.1	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	40.3	60.4	64.5	67.3	69.5	69.5	71.1	71.1	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	40.3	60.4	64.5	67.3	69.5	69.5	71.1	71.1	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	40.3	60.4	64.5	67.6	69.8	69.8	71.4	71.4	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	40.6	60.7	64.8	67.9	70.1	70.1	71.7	71.7	71.7	72.3	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	40.9	61.0	65.1	68.2	70.4	70.4	72.0	72.0	72.0	72.6	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	40.9	61.0	65.1	68.2	70.4	70.4	72.0	72.0	72.0	72.6	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	41.2	61.3	65.4	68.6	70.8	70.8	72.3	72.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	41.2	61.3	65.4	68.6	70.8	70.8	72.3	72.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	41.2	61.3	65.4	68.6	70.8	70.8	72.3	72.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	41.2	61.3	65.4	68.6	70.8	70.8	72.3	72.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	41.2	61.3	65.4	68.6	70.8	70.8	72.3	72.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	42.1	62.9	67.0	70.1	72.3	72.3	73.9	73.9	73.9	74.5	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	43.1	66.0	70.4	74.2	76.4	76.4	78.0	78.0	78.0	78.6	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	43.4	67.9	73.0	76.7	78.9	78.9	80.5	80.5	80.5	81.1	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	43.7	69.5	74.8	78.9	81.5	81.5	83.0	83.0	83.0	83.7	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	43.7	69.5	74.8	78.9	81.5	81.5	83.0	83.0	83.0	83.7	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	44.0	69.8	75.5	83.7	88.4	88.4	89.9	89.9	89.9	90.6	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	44.3	70.4	76.4	84.6	89.3	89.3	90.9	90.9	90.9	91.5	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	44.3	70.4	76.4	84.9	90.6	90.6	92.5	92.5	92.5	93.1	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	44.3	70.4	76.4	84.9	90.6	90.6	92.5	92.5	92.5	93.1	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	44.3	70.4	76.4	84.9	90.6	90.6	92.5	92.8	92.8	93.4	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	44.3	70.4	76.4	84.9	90.6	90.6	92.5	92.8	92.8	93.4	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	44.3	70.4	76.4	84.9	90.6	90.6	92.5	92.8	93.1	93.7	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.4	94.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.4	94.0	95.0	95.6	95.6	95.9	95.9	95.9	95.9
≥ 300	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.4	94.0	95.3	95.9	95.9	96.5	96.5	96.9	96.9
≥ 200	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.4	94.0	95.3	95.9	95.9	96.5	96.5	96.9	96.9
≥ 100	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.7	94.3	95.9	96.5	96.5	97.5	97.5	98.4	98.7
0	44.3	70.4	76.7	85.2	90.9	90.9	93.1	93.7	94.3	95.9	96.5	96.5	97.5	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 318

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) NOV (MONTH)

01 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 5000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4000	12.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3500	12.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	12.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2500	12.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	18.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	18.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	18.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	18.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	18.8	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	18.8	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	18.8	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	18.8	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	18.8	87.5	87.5	87.5	87.5	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	18.8	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) NOV (MONTH) 04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.5	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	12.5	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	12.5	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	12.5	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	12.5	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	12.5	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	12.5	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	100.0
0	12.5	81.3	87.5	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

07 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.0	55.0	55.0	57.5	57.5	57.5	60.0	60.0	60.0	65.0	65.0	65.0	67.5	67.5	67.5	67.5
≥ 20000	47.5	57.5	57.5	60.0	60.0	60.0	65.0	65.0	65.0	70.0	70.0	70.0	72.5	72.5	72.5	72.5
≥ 18000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 16000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 14000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 12000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 10000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 9000	47.5	60.0	60.0	62.5	62.5	62.5	67.5	67.5	67.5	72.5	72.5	72.5	75.0	75.0	75.0	75.0
≥ 8000	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 7000	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 6000	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 5000	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 4500	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 4000	47.5	62.5	62.5	65.0	65.0	65.0	70.0	70.0	70.0	75.0	75.0	75.0	77.5	77.5	77.5	77.5
≥ 3500	50.0	65.0	65.0	67.5	67.5	67.5	72.5	72.5	72.5	77.5	77.5	77.5	80.0	80.0	80.0	80.0
≥ 3000	50.0	67.5	67.5	70.0	70.0	70.0	75.0	75.0	75.0	80.0	80.0	80.0	82.5	82.5	82.5	82.5
≥ 2500	50.0	67.5	67.5	70.0	70.0	70.0	75.0	75.0	75.0	80.0	80.0	80.0	82.5	82.5	82.5	82.5
≥ 2000	50.0	67.5	67.5	70.0	70.0	70.0	75.0	75.0	75.0	80.0	80.0	80.0	82.5	82.5	82.5	82.5
≥ 1800	50.0	67.5	67.5	70.0	70.0	70.0	75.0	75.0	75.0	80.0	80.0	80.0	82.5	82.5	82.5	82.5
≥ 1500	52.5	70.0	70.0	72.5	72.5	75.0	80.0	80.0	80.0	85.0	85.0	85.0	87.5	87.5	87.5	87.5
≥ 1200	52.5	72.5	72.5	75.0	75.0	77.5	82.5	82.5	82.5	87.5	87.5	87.5	90.0	90.0	90.0	90.0
≥ 1000	52.5	72.5	72.5	75.0	75.0	80.0	87.5	87.5	87.5	92.5	92.5	92.5	95.0	95.0	95.0	95.0
≥ 900	52.5	72.5	72.5	75.0	75.0	80.0	87.5	87.5	87.5	92.5	92.5	92.5	95.0	95.0	95.0	95.0
≥ 800	52.5	72.5	72.5	75.0	75.0	80.0	87.5	87.5	87.5	92.5	92.5	92.5	95.0	95.0	95.0	95.0
≥ 700	52.5	72.5	72.5	75.0	75.0	80.0	87.5	87.5	87.5	92.5	92.5	92.5	95.0	95.0	95.0	95.0
≥ 600	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	97.5	97.5
≥ 500	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	97.5	97.5
≥ 400	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	97.5	97.5
≥ 300	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	100.0	100.0
≥ 200	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	100.0	100.0
≥ 100	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	100.0	100.0
0	52.5	72.5	72.5	75.0	75.0	80.0	87.5	90.0	90.0	95.0	95.0	95.0	97.5	97.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 40

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.3	60.0	60.0	61.7	66.7	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	53.3	65.0	65.0	66.7	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	53.3	65.0	65.0	66.7	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	53.3	65.0	65.0	66.7	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	53.3	65.0	65.0	66.7	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	53.3	70.0	70.0	71.7	76.7	76.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	55.0	71.7	71.7	73.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	58.3	75.0	75.0	76.7	81.7	81.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	58.3	76.7	76.7	78.3	83.3	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	58.3	80.0	80.0	81.7	86.7	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	58.3	80.0	80.0	81.7	86.7	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	58.3	81.7	83.3	86.7	91.7	91.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	58.3	81.7	83.3	86.7	91.7	91.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	60.0	83.3	85.0	88.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	60.0	83.3	85.0	88.3	95.0	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	60.0	83.3	85.0	88.3	95.0	95.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.0	83.3	85.0	88.3	95.0	95.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.0	83.3	85.0	88.3	95.0	95.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.0	83.3	85.0	88.3	95.0	95.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	60.0	83.3	85.0	88.3	95.0	95.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.7	76.8	76.8	78.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 18000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 12000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	64.3	80.4	80.4	82.1	87.5	87.5	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	64.3	82.1	82.1	83.9	89.3	89.3	89.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	66.1	85.7	85.7	87.5	92.9	92.9	92.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	66.1	85.7	87.5	89.3	94.6	94.6	94.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.9	87.5	89.3	91.1	98.2	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	70.4	75.9	75.9	77.8	77.8	77.8	79.6	81.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	61.1	74.1	79.6	79.6	81.5	81.5	81.5	83.3	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	61.1	74.1	79.6	79.6	81.5	81.5	81.5	83.3	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	63.0	75.9	81.5	81.5	83.3	83.3	83.3	85.2	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	63.0	75.9	81.5	81.5	83.3	83.3	83.3	85.2	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 12000	64.8	77.8	83.3	83.3	85.2	85.2	85.2	87.0	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	64.8	77.8	83.3	83.3	85.2	85.2	85.2	87.0	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 9000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	66.7	79.6	85.2	85.2	87.0	87.0	87.0	88.9	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	66.7	81.5	87.0	88.9	90.7	90.7	90.7	92.6	94.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	66.7	81.5	87.0	88.9	90.7	90.7	90.7	92.6	94.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	66.7	81.5	87.0	88.9	90.7	90.7	90.7	92.6	94.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	66.7	81.5	87.0	88.9	90.7	90.7	90.7	92.6	94.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	66.7	81.5	87.0	88.9	90.7	92.6	92.6	94.4	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.7	83.3	88.9	90.7	92.6	94.4	94.4	96.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 54

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) NOV (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	50.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	50.0	91.7	91.7	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3500	41.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	50.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	50.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	50.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.0	83.3	83.3	91.7	91.7	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) NOV (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.1	66.5	68.1	69.2	71.8	71.8	72.6	72.9	73.3	74.4	74.4	74.4	74.8	74.8	74.8	74.8
≥ 20000	50.8	69.9	71.4	72.6	75.2	75.2	76.3	77.1	77.4	78.6	78.6	78.6	79.0	79.0	79.0	79.0
≥ 18000	50.8	70.3	71.8	72.9	75.6	75.6	76.7	77.4	77.8	79.0	79.0	79.0	79.3	79.3	79.3	79.3
≥ 16000	51.1	70.7	72.2	73.3	75.9	75.9	77.1	77.8	78.2	79.3	79.3	79.3	79.7	79.7	79.7	79.7
≥ 14000	51.1	70.7	72.2	73.3	75.9	75.9	77.1	77.8	78.2	79.3	79.3	79.3	79.7	79.7	79.7	79.7
≥ 12000	51.5	72.2	73.7	74.8	77.4	77.4	78.6	79.3	79.7	80.8	80.8	80.8	81.2	81.2	81.2	81.2
≥ 10000	51.9	72.6	74.1	75.2	77.8	77.8	79.0	79.7	80.1	81.2	81.2	81.2	81.6	81.6	81.6	81.6
≥ 9000	52.3	72.9	74.4	75.6	78.2	78.2	79.3	80.1	80.5	81.6	81.6	81.6	82.0	82.0	82.0	82.0
≥ 8000	52.3	73.3	74.8	75.9	78.6	78.6	79.7	80.5	80.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 7000	52.3	73.3	74.8	75.9	78.6	78.6	79.7	80.5	80.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 6000	52.3	73.3	74.8	75.9	78.6	78.6	79.7	80.5	80.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 5000	52.3	73.3	74.8	75.9	78.6	78.6	79.7	80.5	80.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 4500	52.3	73.3	74.8	75.9	78.6	78.6	79.7	80.5	80.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 4000	53.0	74.1	75.6	76.7	79.3	79.3	80.5	81.2	81.6	82.7	82.7	82.7	83.1	83.1	83.1	83.1
≥ 3500	53.4	75.6	77.1	78.2	80.8	80.8	82.0	82.7	83.1	84.2	84.2	84.2	84.6	84.6	84.6	84.6
≥ 3000	54.1	79.0	80.5	82.0	84.6	84.6	85.7	86.5	86.8	88.0	88.0	88.0	88.4	88.4	88.4	88.4
≥ 2500	54.1	79.3	81.2	82.7	85.3	85.3	86.5	87.2	87.6	88.7	88.7	88.7	89.1	89.1	89.1	89.1
≥ 2000	54.9	80.8	83.1	85.0	88.0	88.0	89.1	89.9	90.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7
≥ 1800	54.9	80.8	83.1	85.0	88.0	88.0	89.1	89.9	90.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7
≥ 1500	55.6	82.0	84.2	86.5	89.9	90.6	91.7	92.5	92.9	94.0	94.0	94.0	94.4	94.4	94.4	94.4
≥ 1200	55.6	83.1	85.3	87.6	91.0	91.7	92.9	93.6	94.0	95.1	95.1	95.1	95.5	95.5	95.5	95.5
≥ 1000	55.6	83.1	85.3	87.6	91.4	92.5	94.7	95.9	96.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 900	55.6	83.1	85.3	87.6	91.4	92.5	94.7	95.9	96.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 800	55.6	83.1	85.3	87.6	91.4	92.5	94.7	95.9	96.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 700	55.6	83.1	85.3	87.6	91.4	92.5	94.7	95.9	96.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 600	55.6	83.1	85.3	87.6	91.4	92.5	94.7	96.2	96.6	97.7	97.7	97.7	98.1	98.1	98.1	98.1
≥ 500	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.0	97.4	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 400	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.4	97.7	98.9	98.9	98.9	99.3	99.3	99.3	99.3
≥ 300	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.4	97.7	98.9	98.9	98.9	99.3	99.3	99.6	99.6
≥ 200	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.4	97.7	98.9	98.9	98.9	99.3	99.3	99.6	99.6
≥ 100	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.4	97.7	98.9	98.9	98.9	99.3	99.3	99.6	100.0
≥ 0	55.6	83.1	85.3	87.6	91.4	92.5	95.1	97.4	97.7	98.9	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 266

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | DEC (MONTH)

01 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 20000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 18000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 16000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 14000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 12000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 10000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 9000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 8000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 7000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 6000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 5000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 4500	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 4000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 3500	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 3000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 2500	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 2000	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 1800	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 1500	35.3	47.1	47.1	47.1	47.1	52.9	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7
≥ 1200	35.3	47.1	47.1	47.1	47.1	52.9	64.7	64.7	64.7	64.7	64.7	64.7	70.6	70.6	70.6	70.6
≥ 1000	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 900	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 800	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 700	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 600	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 500	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 400	35.3	47.1	47.1	47.1	47.1	52.9	70.6	76.5	76.5	82.4	82.4	82.4	88.2	88.2	88.2	88.2
≥ 300	35.3	47.1	47.1	47.1	47.1	52.9	70.6	82.4	82.4	88.2	88.2	88.2	94.1	94.1	94.1	94.1
≥ 200	35.3	47.1	47.1	47.1	47.1	52.9	70.6	82.4	82.4	88.2	88.2	88.2	94.1	94.1	94.1	94.1
≥ 100	35.3	47.1	47.1	47.1	47.1	52.9	70.6	82.4	82.4	88.2	88.2	88.2	94.1	94.1	94.1	94.1
0	35.3	47.1	47.1	47.1	47.1	52.9	70.6	82.4	82.4	88.2	88.2	88.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | DEC (MONTH) | 04 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3500	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2500	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2000	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1800	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1500	41.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1200	41.2	58.8	58.8	58.8	58.8	58.8	64.7	64.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1000	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.2	58.8	58.8	58.8	58.8	58.8	70.6	82.4	94.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-74 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.6	63.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	69.4	69.4	69.4	69.4
≥ 20000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 18000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 16000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 14000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 12000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 10000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 9000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 8000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 7000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 6000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 5000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 4500	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 4000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 3500	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 3000	58.3	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
≥ 2500	58.3	69.4	72.2	72.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	77.8	77.8	77.8	77.8
≥ 2000	58.3	69.4	72.2	72.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	83.3	83.3	83.3	83.3
≥ 1800	58.3	69.4	72.2	72.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	83.3	83.3	83.3	83.3
≥ 1500	58.3	72.2	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	86.1	86.1	86.1	86.1
≥ 1200	58.3	72.2	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	86.1	86.1	86.1	86.1
≥ 1000	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
≥ 900	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
≥ 800	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
≥ 700	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 600	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 500	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 400	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 300	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 200	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	94.4
≥ 100	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	94.4	94.4	94.4	97.2
≥ 0	58.3	72.2	75.0	75.0	83.3	83.3	86.1	88.9	88.9	91.7	91.7	91.7	97.2	97.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 36

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (YEARS) DEC (MONTH)

10 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	61.7	61.7	63.3	65.0	65.0	66.7	66.7	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	63.3	65.0	65.0	66.7	68.3	68.3	70.0	70.0	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	63.3	65.0	65.0	66.7	68.3	68.3	70.0	70.0	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	63.3	65.0	65.0	66.7	68.3	68.3	70.0	70.0	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	65.0	66.7	66.7	68.3	70.0	70.0	71.7	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	68.3	70.0	70.0	71.7	73.3	73.3	75.0	75.0	75.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	68.3	70.0	70.0	71.7	73.3	73.3	75.0	75.0	75.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	68.3	70.0	70.0	71.7	73.3	73.3	75.0	75.0	75.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	68.3	71.7	71.7	73.3	75.0	75.0	76.7	76.7	76.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	68.3	71.7	71.7	73.3	75.0	75.0	76.7	76.7	76.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	68.3	71.7	71.7	73.3	75.0	75.0	76.7	76.7	76.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	70.0	73.3	73.3	75.0	76.7	76.7	78.3	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	70.0	75.0	75.0	76.7	78.3	78.3	80.0	80.0	80.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	70.0	75.0	75.0	76.7	78.3	78.3	80.0	80.0	80.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	70.0	76.7	76.7	78.3	80.0	80.0	81.7	81.7	81.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	70.0	76.7	76.7	78.3	81.7	81.7	85.0	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	70.0	76.7	76.7	78.3	81.7	83.3	88.3	88.3	88.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	70.0	76.7	76.7	78.3	81.7	83.3	88.3	88.3	88.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	70.0	76.7	76.7	78.3	81.7	85.0	90.0	90.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	70.0	76.7	76.7	78.3	81.7	85.0	90.0	90.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	70.0	76.7	76.7	78.3	81.7	86.7	91.7	93.3	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	70.0	76.7	76.7	78.3	83.3	88.3	93.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	70.0	76.7	76.7	78.3	83.3	88.3	93.3	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	70.0	76.7	76.7	80.0	85.0	90.0	95.0	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	70.0	76.7	76.7	80.0	85.0	90.0	95.0	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	70.0	76.7	76.7	80.0	85.0	90.0	95.0	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	100.0
0	70.0	76.7	76.7	80.0	85.0	90.0	95.0	96.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03194 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.7	63.6	65.5	70.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	61.8	72.7	74.6	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	61.8	72.7	74.6	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	61.8	72.7	74.6	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	61.8	72.7	74.6	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	63.6	76.4	78.2	83.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 10000	63.6	76.4	78.2	83.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	63.6	76.4	78.2	83.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	65.5	78.2	80.0	85.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	65.5	78.2	80.0	85.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	67.3	80.0	81.8	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	67.3	80.0	81.8	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	67.3	80.0	81.8	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	67.3	80.0	81.8	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	67.3	80.0	81.8	87.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	67.3	81.8	83.6	89.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	69.1	83.6	85.5	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	69.1	83.6	85.5	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	69.1	83.6	85.5	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	69.1	83.6	87.3	92.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	69.1	83.6	87.3	92.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	69.1	83.6	87.3	92.7	96.4	96.4	96.4	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	69.1	83.6	87.3	92.7	96.4	96.4	96.4	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.1	83.6	87.3	92.7	96.4	96.4	96.4	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.1	83.6	87.3	92.7	96.4	96.4	96.4	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.1	83.6	87.3	92.7	96.4	96.4	96.4	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.1	83.6	87.3	92.7	96.4	96.4	96.4	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 55

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.4	59.3	63.0	68.5	70.4	70.4	70.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	53.7	70.4	74.1	79.6	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	53.7	70.4	74.1	79.6	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	53.7	70.4	74.1	79.6	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	53.7	70.4	74.1	79.6	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	53.7	72.2	75.9	81.5	85.2	85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	55.6	74.1	77.8	83.3	87.0	87.0	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	55.6	74.1	77.8	83.3	87.0	87.0	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	57.4	75.9	79.6	85.2	88.9	88.9	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	57.4	75.9	79.6	85.2	88.9	88.9	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	57.4	75.9	79.6	85.2	88.9	88.9	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	57.4	75.9	79.6	85.2	88.9	88.9	88.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	57.4	77.8	81.5	87.0	90.7	90.7	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	57.4	77.8	81.5	87.0	90.7	90.7	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	57.4	81.5	85.2	92.6	96.3	96.3	96.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	57.4	81.5	85.2	92.6	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.4	81.5	85.2	92.6	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.4	81.5	85.2	92.6	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.4	81.5	85.2	92.6	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.4	81.5	85.2	92.6	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 54

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73 (YEARS) DEC (MONTH)

19 (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	27.3	63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	27.3	63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	27.3	63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	27.3	63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1200	27.3	72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 500	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 400	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 300	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 200	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 100	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
0	27.3	72.7	72.7	72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 11

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 (HOURS (L S T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 20000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 18000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 16000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 14000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 12000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 10000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 9000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 8000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 7000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 6000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 5000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 4500	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 4000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 3500	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 3000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 2500	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 2000	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 1800	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	66.7
≥ 1500	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	75.0
≥ 1200	25.0	50.0	50.0	58.3	58.3	58.3	58.3	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	75.0
≥ 1000	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 900	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 800	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 700	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 600	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 500	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 400	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 300	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 200	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
≥ 100	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	83.3
0	25.0	50.0	50.0	58.3	58.3	58.3	66.7	66.7	66.7	75.0	75.0	75.0	83.3	83.3	83.3	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	60.3	61.8	64.9	66.4	66.8	67.6	67.9	68.3	68.7	68.7	68.7	69.5	69.5	69.5	69.9
≥ 20000	53.8	66.0	67.6	70.6	72.5	72.9	73.7	74.1	74.4	74.8	74.8	74.8	75.6	75.6	75.6	76.0
≥ 18000	53.8	66.0	67.6	70.6	72.5	72.9	73.7	74.1	74.4	74.8	74.8	74.8	75.6	75.6	75.6	76.0
≥ 16000	53.8	66.0	67.6	70.6	72.5	72.9	73.7	74.1	74.4	74.8	74.8	74.8	75.6	75.6	75.6	76.0
≥ 14000	54.2	66.4	67.9	71.0	72.9	73.3	74.1	74.4	74.8	75.2	75.2	75.2	76.0	76.0	76.0	76.3
≥ 12000	55.3	68.7	70.2	73.3	75.2	75.6	76.3	76.7	77.1	77.5	77.5	77.5	78.2	78.2	78.2	78.6
≥ 10000	55.3	68.7	70.2	73.3	75.2	75.6	76.3	76.7	77.1	77.5	77.5	77.5	78.2	78.2	78.2	78.6
≥ 9000	55.3	68.7	70.2	73.3	75.2	75.6	76.3	76.7	77.1	77.5	77.5	77.5	78.2	78.2	78.2	78.6
≥ 8000	55.7	69.5	71.0	74.1	76.0	76.3	77.1	77.5	77.9	78.2	78.2	78.2	79.0	79.0	79.0	79.4
≥ 7000	55.7	69.5	71.0	74.1	76.0	76.3	77.1	77.5	77.9	78.2	78.2	78.2	79.0	79.0	79.0	79.4
≥ 6000	56.1	69.9	71.4	74.4	76.3	76.7	77.5	77.9	78.2	78.6	78.6	78.6	79.4	79.4	79.4	79.8
≥ 5000	56.9	70.6	72.1	75.2	77.1	77.5	78.2	78.6	79.0	79.4	79.4	79.4	80.2	80.2	80.2	80.5
≥ 4500	56.9	70.6	72.1	75.2	77.1	77.5	78.2	78.6	79.0	79.4	79.4	79.4	80.2	80.2	80.2	80.5
≥ 4000	57.3	71.0	72.5	75.6	77.5	77.9	78.6	79.0	79.4	79.8	79.8	79.8	80.5	80.5	80.5	80.9
≥ 3500	57.3	71.0	72.5	75.6	77.5	77.9	78.6	79.0	79.4	79.8	79.8	79.8	80.5	80.5	80.5	80.9
≥ 3000	57.3	71.4	72.9	76.0	77.9	78.2	79.0	79.4	79.8	80.2	80.2	80.2	80.9	80.9	80.9	81.3
≥ 2500	57.6	71.8	73.3	76.3	78.6	79.0	79.8	80.2	80.5	80.9	80.9	80.9	81.7	81.7	81.7	82.1
≥ 2000	57.6	72.5	74.1	77.1	80.2	80.5	81.3	81.7	82.1	82.4	82.4	82.4	83.2	83.2	83.2	83.6
≥ 1800	57.6	72.5	74.1	77.1	80.2	80.5	81.3	81.7	82.1	82.4	82.4	82.4	83.2	83.2	83.2	83.6
≥ 1500	57.6	74.1	76.0	79.4	82.4	82.8	83.6	84.0	84.4	85.1	85.1	85.1	85.9	85.9	85.9	86.3
≥ 1200	57.6	74.1	76.0	79.4	82.8	83.2	85.1	85.5	85.9	86.6	86.6	86.6	87.4	87.4	87.4	87.8
≥ 1000	57.6	74.1	76.0	79.4	83.2	84.0	88.2	90.1	90.5	92.0	92.0	92.0	92.8	92.8	92.8	93.1
≥ 900	57.6	74.1	76.0	79.4	83.2	84.0	88.2	90.1	90.5	92.0	92.0	92.0	92.8	92.8	92.8	93.1
≥ 800	57.6	74.1	76.0	79.4	83.2	84.4	88.6	90.5	90.8	92.4	92.4	92.4	93.1	93.1	93.1	93.5
≥ 700	57.6	74.1	76.0	79.4	83.2	84.4	88.6	90.5	90.8	92.8	92.8	92.8	93.5	93.5	93.5	93.9
≥ 600	57.6	74.1	76.0	79.4	83.2	84.7	88.9	91.2	91.6	93.9	93.9	93.9	94.7	94.7	94.7	95.0
≥ 500	57.6	74.1	76.0	79.4	83.6	85.1	89.3	91.6	92.0	94.3	94.3	94.3	95.0	95.0	95.0	95.4
≥ 400	57.6	74.1	76.0	79.4	83.6	85.5	89.7	92.4	92.8	95.0	95.0	95.0	95.8	95.8	95.8	96.2
≥ 300	57.6	74.1	76.0	79.8	84.0	85.9	90.1	93.1	93.9	96.2	96.2	96.2	97.0	97.0	97.0	97.3
≥ 200	57.6	74.1	76.0	79.8	84.0	85.9	90.1	93.1	93.9	96.2	96.2	96.2	97.0	97.0	97.0	97.3
≥ 100	57.6	74.1	76.0	79.8	84.0	85.9	90.1	93.1	93.9	96.2	96.2	96.2	97.0	97.0	97.0	98.1
0	57.6	74.1	76.0	79.8	84.0	85.9	90.1	93.1	93.9	96.2	96.2	96.2	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 262

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | ALL (MONTH) | ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	48.9	52.2	55.0	57.0	57.2	57.9	58.3	58.4	58.7	58.7	58.7	58.8	58.8	58.9	59.0
≥ 20000	34.8	51.5	55.0	57.8	59.9	60.3	61.0	61.5	61.6	62.0	62.0	62.0	62.1	62.1	62.3	62.3
≥ 18000	35.0	51.7	55.2	58.0	60.1	60.5	61.3	61.8	61.8	62.2	62.2	62.2	62.4	62.4	62.5	62.6
≥ 16000	35.0	51.8	55.3	58.1	60.2	60.6	61.3	61.8	61.9	62.3	62.3	62.3	62.5	62.5	62.6	62.6
≥ 14000	35.2	52.1	55.6	58.4	60.5	60.9	61.7	62.2	62.3	62.6	62.6	62.6	62.8	62.8	62.9	63.0
≥ 12000	35.7	52.9	56.4	59.3	61.4	61.8	62.5	63.0	63.1	63.5	63.5	63.5	63.6	63.6	63.7	63.8
≥ 10000	36.2	53.5	57.1	60.1	62.3	62.7	63.4	63.9	64.0	64.3	64.4	64.4	64.5	64.5	64.6	64.7
≥ 9000	36.3	53.6	57.2	60.2	62.4	62.8	63.5	64.0	64.1	64.5	64.5	64.5	64.6	64.6	64.7	64.8
≥ 8000	36.6	54.2	57.8	60.8	63.0	63.4	64.1	64.6	64.7	65.1	65.1	65.1	65.2	65.2	65.4	65.4
≥ 7000	37.0	54.7	58.3	61.3	63.5	63.9	64.6	65.2	65.2	65.6	65.6	65.6	65.8	65.8	65.9	66.0
≥ 6000	37.2	55.0	58.6	61.6	63.8	64.2	65.0	65.5	65.6	65.9	66.0	66.0	66.1	66.1	66.2	66.3
≥ 5000	37.4	55.3	59.0	62.0	64.2	64.6	65.4	65.9	66.0	66.4	66.4	66.4	66.5	66.5	66.7	66.8
≥ 4500	37.5	55.6	59.3	62.4	64.6	65.0	65.7	66.3	66.3	66.7	66.7	66.7	66.9	66.9	67.0	67.1
≥ 4000	38.0	56.4	60.1	63.2	65.4	65.8	66.6	67.1	67.2	67.6	67.6	67.6	67.7	67.7	67.9	68.0
≥ 3500	38.8	57.7	61.4	64.6	66.8	67.3	68.1	68.6	68.7	69.1	69.1	69.1	69.2	69.2	69.4	69.5
≥ 3000	40.2	61.4	65.3	68.6	70.9	71.3	72.1	72.7	72.8	73.2	73.2	73.2	73.3	73.3	73.5	73.6
≥ 2500	40.6	63.0	67.1	70.4	72.8	73.3	74.1	74.7	74.8	75.2	75.2	75.2	75.3	75.3	75.5	75.6
≥ 2000	40.8	64.6	69.1	73.0	75.7	76.3	77.2	77.8	77.9	78.4	78.4	78.4	78.5	78.5	78.7	78.8
≥ 1800	40.8	64.8	69.5	73.3	76.0	76.7	77.6	78.2	78.3	78.7	78.7	78.7	78.9	78.9	79.0	79.1
≥ 1500	41.0	67.0	72.4	77.2	80.6	81.3	82.3	82.9	83.0	83.5	83.6	83.6	83.7	83.7	83.9	83.9
≥ 1200	41.2	68.1	73.8	79.4	83.4	84.4	85.5	86.2	86.3	86.9	86.9	86.9	87.1	87.1	87.2	87.3
≥ 1000	41.2	68.9	75.0	81.6	87.1	88.7	90.6	92.0	92.1	92.7	92.8	92.8	93.0	93.0	93.1	93.2
≥ 900	41.2	68.9	75.1	81.8	87.4	89.2	91.2	92.6	92.7	93.4	93.5	93.5	93.7	93.7	93.8	93.9
≥ 800	41.2	69.0	75.2	81.9	87.9	89.9	92.2	93.8	93.9	94.7	94.7	94.7	95.0	95.0	95.2	95.2
≥ 700	41.2	69.0	75.3	82.1	88.1	90.2	92.5	94.3	94.4	95.3	95.4	95.4	95.6	95.6	95.8	95.8
≥ 600	41.2	69.0	75.3	82.1	88.1	90.4	92.7	94.6	94.8	95.7	95.8	95.8	96.1	96.1	96.3	96.3
≥ 500	41.2	69.1	75.3	82.3	88.3	90.6	93.3	95.4	95.6	96.8	96.9	96.9	97.3	97.3	97.4	97.5
≥ 400	41.2	69.1	75.3	82.3	88.4	90.7	93.5	95.7	95.9	97.3	97.4	97.4	97.9	97.9	98.0	98.2
≥ 300	41.2	69.1	75.3	82.3	88.5	90.8	93.5	95.8	96.1	97.5	97.7	97.7	98.3	98.3	98.5	98.7
≥ 200	41.2	69.1	75.3	82.3	88.5	90.8	93.5	95.9	96.1	97.6	97.8	97.8	98.5	98.5	98.9	99.1
≥ 100	41.2	69.1	75.3	82.3	88.5	90.8	93.5	95.9	96.1	97.6	97.9	97.9	98.7	98.7	99.2	99.5
0	41.2	69.1	75.3	82.3	88.5	90.8	93.5	95.9	96.1	97.6	97.9	97.9	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3936

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

SKY COVER

5704 SKY COVER JAN 68

CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	01	31.8	4.5	9.1	4.5				9.1			40.9	5.1	22
	04	33.3	4.8		4.8	4.8		4.8	4.8	9.5	4.8	28.6	5.0	21
	07	20.5		13.6	4.5	9.1	11.4	6.8	6.8	4.5	2.3	20.5	4.8	44
	10	23.8	4.8	10.7	9.5	1.2	4.8	3.6	6.0	8.3	8.3	19.0	4.8	84
	13	26.2	3.6	3.6	10.7	8.3	4.8	7.1	4.8	10.7	4.8	15.5	4.6	84
	16	24.4	7.3	4.9	7.3	3.7	3.7	9.8	9.8	11.0	7.3	11.0	4.6	82
	19	25.0	6.3	12.5		12.5	6.3			6.3		31.3	4.8	16
	22	31.3				6.3	18.8		6.3			37.5	5.4	16
TOTALS		27.0	3.9	6.8	5.2	5.7	6.2	4.0	6.0	6.3	3.4	25.5	4.9	369

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SKY COVER

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-76 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	01	55.6			16.7				5.6	5.6		16.7	3.0	18
	04	38.9		16.7	5.6	5.6					5.6	27.8	4.0	18
	07	17.9	2.6	7.7	7.7	5.1	2.6	2.6	10.3	5.1	7.7	30.8	5.8	39
	10	17.9	6.4	7.7	5.1	5.1	5.1	2.6		11.5	14.1	24.4	5.6	78
	13	10.3	7.7	10.3	9.0	2.6	1.3	6.4	10.3	10.3	11.5	20.5	5.7	78
	16	14.1	6.4	6.4	7.7	7.7	6.4	5.1	7.7	11.5	7.7	19.2	5.4	78
	19	46.7		6.7	13.3				6.7	13.3		13.3	3.4	15
	22	40.0		13.3		13.3		6.7				26.7	3.9	15
TOTALS		30.2	2.9	8.6	8.1	4.9	1.9	2.9	5.1	7.2	5.8	22.4	4.6	339

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5704 SKY COVER JAN 68

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SKY COVER

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-76 PERIOD | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	01	26.5		5.9	5.9	2.9	2.9	11.8	2.9		5.9	35.3	5.5	34
	04	26.5		8.8		2.9		5.9	5.9	2.9	5.9	41.2	5.9	34
	07	19.6	3.6		7.1		3.6	8.9	3.6	10.7	7.1	35.7	6.3	56
	10	22.1	1.2	3.5	1.2	5.8	2.3	2.3	10.5	9.3	14.0	27.9	6.1	86
	13	18.8	4.7	2.4	7.1	2.4	3.5	3.5	9.4	18.8	10.6	18.8	5.8	85
	16	14.3	7.1	9.5	4.8	4.8	8.3	4.8	8.3	6.0	11.9	20.2	5.5	84
	19	21.4	7.1			14.3			7.1	14.3	14.3	21.4	5.7	14
	22	36.4				18.2	9.1	9.1			18.2	9.1	4.3	11
TOTALS		23.2	3.0	3.8	3.3	6.4	3.7	5.8	6.0	7.8	11.0	26.2	5.6	404

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	01	43.2	2.7	2.7	2.7	5.4	2.7	8.1	2.7			29.7	4.2	37
	04	33.3	5.1	5.1	5.1	2.6		7.7	5.1		5.1	30.8	4.8	39
	07	23.7	5.1	3.4		6.8	3.4	1.7	8.5	6.8	10.2	30.5	5.8	59
	10	26.2	3.1	6.2	3.1	4.6	4.6	4.6	13.8	7.7	7.7	18.5	5.1	65
	13	29.2	6.2	3.1	9.2	7.7	6.2	6.2	4.6	10.8	7.7	9.2	4.2	65
	16	37.5	3.1	10.9	7.8	10.9	3.1	6.3	3.1	4.7	7.8	4.7	3.2	64
	19	44.4		18.5	7.4	7.4			3.7	7.4		11.1	2.9	27
	22	42.9		10.7	3.6	7.1	3.6	3.6		7.1		21.4	3.7	28
TOTALS		35.1	3.2	7.6	4.9	6.6	3.0	4.8	5.2	5.6	4.8	19.5	4.2	384

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	01	9.7	3.2							3.2		83.9	8.7	31
	04	9.7		6.5								83.9	8.5	31
	07	10.6		1.5	4.5					4.5	4.5	74.2	8.4	66
	10	19.1	5.9	5.9	4.4	4.4	5.9	1.5	4.4	8.8	8.8	30.9	5.8	68
	13	24.6	6.2	10.8	7.7	10.8	6.2	3.1	1.5	6.2	3.1	20.0	4.3	65
	16	27.0	7.9	12.7	4.8	12.7	4.8	3.2	3.2	3.2	1.6	19.0	3.9	63
	19	21.1				15.8			5.3	10.5	15.8	31.6	6.4	19
	22	15.4				7.7						76.9	8.0	13
TOTALS		17.2	2.9	4.7	2.7	6.4	2.1	1.0	1.8	4.6	4.2	52.6	6.8	356

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	01	11.1			22.2	5.6	5.6				5.6	50.0	6.7	18
	04	5.6	5.6	5.6		5.6			5.6		5.6	66.7	7.9	18
	07	16.9		3.4	1.7			1.7	3.4		3.4	69.5	7.7	59
	10	32.3		11.3	1.6	3.2	4.8	4.8	6.5	3.2	4.8	27.4	4.8	62
	13	39.3	3.3	14.8	4.9	8.2	4.9		4.9	4.9	3.3	11.5	3.2	61
	16	41.0	4.9	9.8	4.9	4.9	6.6	1.6	4.9	6.6	3.3	11.5	3.3	61
	19													
	22													
TOTALS		24.4	2.3	7.5	5.9	4.6	3.7	1.4	4.2	2.5	4.3	39.4	5.6	279

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	4.3		4.3	8.7		4.3				4.3	73.9	8.3	23
	04	4.3										95.7	9.6	23
	07	11.9		3.0	10.4	1.5		1.5	3.0	3.0	4.5	61.2	7.5	67
	10	38.8	3.0	10.4	10.4	10.4	1.5	4.5	3.0	9.0	3.0	6.0	3.1	67
	13	44.8	13.4	13.4	11.9	1.5	3.0	1.5	4.5	1.5	3.0	1.5	1.9	67
	16	47.7	10.8	10.8	7.7	6.2	1.5	4.6	4.6	1.5	3.1	1.5	2.0	65
	19	25.0	10.0	25.0	15.0	5.0		5.0				15.0	3.1	20
	22	20.0		5.0	10.0	10.0	5.0				5.0	45.0	6.0	20
TOTALS		24.6	4.7	9.0	9.3	4.3	1.9	2.1	1.9	1.9	2.9	37.5	5.2	352

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SKY COVER

02154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-75 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01	4.3		13.0	13.0	4.3	8.7		4.3		4.3	47.8	6.7	23
	04			4.3	4.3		4.3		4.3		4.3	78.3	9.0	23
	07	1.5	1.5	4.5	1.5		1.5	1.5	3.0	1.5	9.1	74.2	8.9	66
	10	34.4	10.9	7.8	7.8	9.4	6.3	1.6	3.1	4.7	3.1	10.9	3.3	64
	13	50.8	15.9	9.5	7.9	3.2	4.8	1.6		3.2		3.2	1.6	63
	16	51.1	8.5	12.8	8.5	2.1	4.3	6.4	4.3		2.1		1.8	47
	19	35.3	11.8	5.9	23.5	5.9	5.9		5.9			5.9	2.5	17
	22	41.2		11.8	11.8			5.9				29.4	3.9	17
TOTALS		27.3	6.1	8.7	9.8	3.1	4.5	2.1	3.1	1.2	2.9	31.2	4.7	320

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SKY COVER

03154 CAMP PENDLETON, CALIFORNIA 73-75 SEP

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	01	11.8		5.9					5.9		5.9	70.6	8.1	17
	04	11.8						5.9				82.4	8.6	17
	07	18.3	1.7					1.7		3.3	1.7	73.3	7.9	60
	10	40.0	6.7	13.3		3.3	1.7		1.7	1.7	1.7	30.0	4.0	60
	13	36.8	10.5	12.3	8.8	1.8	3.5	8.8	3.5		5.3	8.8	3.0	57
	16	36.5	7.7	13.5	7.7	3.8	5.8	5.8	1.9	7.7		9.6	3.1	52
	19	50.0		8.3				16.7				25.0	3.7	12
	22	25.0		25.0				8.3			8.3	33.3	5.1	12
TOTALS		28.8	3.3	9.8	2.1	1.1	1.4	5.9	1.6	1.6	2.9	41.6	5.4	287

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	42.9		9.5					4.8			42.9	4.8	21
	04	40.0		5.0	5.0				5.0	10.0	5.0	30.0	4.9	20
	07	31.0	1.7	1.7	3.4	3.4	3.4	3.4	3.4	8.6	6.9	32.8	5.5	58
	10	33.3	3.2	6.3	9.5	3.2	3.2	4.8	6.3	6.3	9.5	14.3	4.3	63
	13	40.3	9.7	6.5	8.1	6.5	1.6	4.8	6.5	1.6	1.6	12.9	3.1	62
	16	50.0	11.3	4.8	4.8	4.8		4.8	3.2	3.2	6.5	6.5	2.5	62
	19	62.5		12.5	6.3	12.5			6.3				1.4	16
	22	50.0		12.5	6.3	6.3	6.3					18.8	2.9	16
TOTALS		43.8	3.2	7.4	5.4	4.6	1.8	2.2	4.4	3.7	3.7	19.8	3.7	318

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SKY COVER

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-75 PERIOD | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	43.8	18.8						6.3			31.3	3.8	16
	04	50.0	6.3	6.3	6.3						6.3	25.0	3.4	16
	07	20.0	10.0	2.5	12.5	2.5	12.5	5.0	5.0	5.0	12.5	12.5	4.7	40
	10	28.3	6.7	6.7	1.7	10.0	6.7	3.3	13.3	3.3	6.7	13.3	4.3	60
	13	30.4	7.1	7.1	5.4	10.7	10.7	7.1	3.6	7.1	3.6	7.1	3.6	56
	16	24.1	7.4	9.3	11.1	13.0	7.4	1.9	9.3	5.6	3.7	7.4	3.8	54
	19	50.0	8.3	16.7		8.3						16.7	2.4	12
	22	41.7	8.3		8.3		8.3	8.3				25.0	3.8	12
TOTALS		36.0	9.1	6.1	5.7	5.6	5.7	3.2	4.7	2.6	4.1	17.3	3.7	266

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SKY COVER

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-75 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	01	41.2		11.8				11.8	5.9			29.4	4.3	17
	04	52.9		5.9	5.9						11.8	23.5	3.7	17
	07	25.0	5.6	5.6	11.1	5.6	2.8	2.8	8.3	11.1	2.8	19.4	4.7	36
	10	26.7	10.0	5.0	5.0	3.3	5.0	6.7	5.0	5.0	5.0	23.3	4.7	60
	13	30.9	7.3	7.3	5.5	10.9	1.8	3.6	7.3	5.5	9.1	10.9	4.0	55
	16	25.9	11.1	5.6	7.4	5.6	3.7	5.6	13.0	11.1	1.9	9.3	4.1	54
	19	27.3	9.1	18.2			9.1	9.1		9.1		18.2	4.0	11
	22	16.7	8.3	8.3		16.7	8.3				8.3	33.3	5.4	12
TOTALS		30.8	6.4	8.5	4.4	5.3	3.8	5.0	4.9	5.2	4.9	20.9	4.4	262

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SKY COVER

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.0	3.9	6.8	5.2	5.7	6.2	4.0	6.0	6.3	3.4	25.5	4.9	369
FEB		30.2	2.9	8.6	8.1	4.9	1.9	2.9	5.1	7.2	5.8	22.4	4.6	339
MAR		23.2	3.0	3.8	3.3	6.4	3.7	5.8	6.0	7.8	11.0	26.2	5.6	404
APR		35.1	3.2	7.6	4.9	6.6	3.0	4.8	5.2	5.6	4.8	19.5	4.2	384
MAY		17.2	2.9	4.7	2.7	6.4	2.1	1.0	1.8	4.6	4.2	52.6	6.8	356
JUN		26.4	2.3	7.5	5.9	4.6	3.7	1.4	4.2	2.5	4.3	39.4	5.6	279
JUL		24.6	4.7	9.0	9.3	4.3	1.9	2.1	1.9	1.9	2.9	37.5	5.2	352
AUG		27.3	6.1	8.7	9.8	3.1	4.5	2.1	3.1	1.2	2.9	31.2	4.7	320
SEP		28.8	3.3	9.8	2.1	1.1	1.4	5.9	1.6	1.6	2.9	41.6	5.4	287
OCT		43.8	3.2	7.4	5.4	4.6	1.8	2.2	4.4	3.7	3.7	19.8	3.7	318
NOV		36.0	9.1	6.1	5.7	5.6	5.7	3.2	4.7	2.6	4.1	17.3	3.7	266
DEC		30.8	6.4	8.5	4.4	5.3	3.8	5.0	4.9	5.2	4.9	20.9	4.4	262
TOTALS		29.0	4.3	7.4	5.6	4.9	3.3	3.4	4.1	4.2	4.6	29.5	4.9	3936

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NWSD, Federal Building

Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

AD-A060 996 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CAMP PE--ETC(U)
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b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 66-72 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 105									.7				.1
≥ 100								1.4	1.5	.6			.3
≥ 95							.8	4.3	3.7	1.3			.9
≥ 90		.7	.8	4.8		.9	2.1	10.9	11.9	4.5	1.4		3.3
≥ 85	1.3	1.4	2.3	7.7	1.9	1.8	11.6	22.5	19.3	12.2	5.1		7.4
≥ 80	5.2	4.8	6.0	11.5	4.9	5.5	31.8	48.6	37.0	23.1	19.6	.7	16.8
≥ 75	8.5	9.6	14.3	14.4	16.5	16.5	65.9	80.4	63.7	40.4	26.1	4.8	30.4
≥ 70	15.7	21.9	27.8	26.0	38.8	48.6	89.9	100.0	98.5	73.1	49.3	22.4	51.2
≥ 65	32.0	43.2	48.1	54.8	69.9	88.1	100.0		100.0	96.8	80.4	40.8	70.7
≥ 60	74.5	80.8	86.5	89.4	97.1	100.0				99.4	99.3	76.2	91.5
≥ 55	100.0	98.6	99.2	100.0	100.0					100.0	100.0	95.2	99.4
≥ 50		100.0	100.0									100.0	100.0
MEAN	63.9	65.2	66.5	67.0	68.4	70.2	77.3	80.4	78.9	74.6	71.1	64.1	70.6
S. D.	6.759	6.834	7.234	8.601	5.911	5.360	6.024	6.603	7.529	7.687	7.610	5.978	8.954
TOTAL OBS.	153	146	133	104	103	109	129	138	135	156	138	147	1591

NAVWEASERVCOM

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5721 Daily Temperatures Jan 1968

DAILY TEMPERATURES

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 70								3.6	2.2				.5
≥ 65							11.7	33.6	26.7				6.1
≥ 60					1.9	17.9	60.9	73.0	66.7	14.9	2.2		19.9
≥ 55	2.0	3.4	3.0	9.6	34.0	71.7	87.5	92.0	85.9	31.2	13.8	2.7	35.2
≥ 50	19.0	19.9	25.0	25.0	68.9	90.6	98.4	99.3	96.3	66.2	38.4	9.5	53.4
≥ 45	41.2	43.8	48.5	50.0	93.2	100.0	100.0		100.0	82.5	62.3	30.6	69.6
≥ 40	69.9	78.1	80.3	89.4	100.0			100.0		98.7	85.5	57.1	87.4
≥ 35	85.6	96.6	96.2	98.1						100.0	99.3	83.0	96.2
≥ 30	98.0	100.0	100.0	100.0							100.0	97.3	99.6
≥ 25	100.0											100.0	100.0
≥													
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MEAN	42.9	44.0	44.5	45.3	52.1	55.8	60.0	62.0	60.7	51.8	47.1	40.9	50.6
S. D.	6.851	5.416	5.890	5.566	4.565	3.688	4.438	4.783	5.400	6.290	6.316	6.624	9.244
TOTAL OBS.	153	146	132	104	103	106	128	137	135	154	138	147	1583

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

DAILY TEMPERATURES

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 66-72 YEARS | MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85									.7				.1
≥ 80								2.9	2.2	.6			.5
≥ 75							5.5	13.9	11.9	2.6	.7		3.0
≥ 70			.8	1.0		2.8	41.4	72.3	50.4	9.7	2.9		15.4
≥ 65	3.3	1.4	1.5	6.7	14.6	38.7	89.8	98.5	92.6	35.7	10.9	.7	32.7
≥ 60	11.8	13.0	15.9	22.1	65.0	87.7	99.2	100.0	100.0	86.4	47.8	9.5	53.9
≥ 55	43.1	49.3	59.8	63.5	92.2	100.0	100.0			98.1	88.4	33.3	76.2
≥ 50	79.1	96.5	93.9	100.0	100.0					99.4	100.0	72.1	94.3
≥ 45	98.7	100.0	100.0							100.0		96.6	99.6
≥ 40	100.0											100.0	100.0
MEAN	53.7	54.9	55.7	56.4	60.5	63.3	68.9	71.4	70.1	63.4	59.3	52.7	60.9
S. D.	4.915	3.852	4.141	4.603	3.770	3.260	3.500	3.533	4.243	4.729	4.579	4.735	7.680
TOTAL OBS.	153	146	132	104	103	106	128	137	135	154	138	147	1583

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5721 Daily Temperature Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154 STATION | CAMP PENDELTON, CALIFORNIA STATION NAME | 1967-1972 YEARS | JANUARY MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	53.2	11.8	70.0	21.1	75	23.9	1969	36.5	2.5	29	-1.7	1970
2	54.0	12.2	65.0	18.3	71	21.7	1969	43.0	6.1	38	3.3	1969
3	52.3	11.3	66.6	19.2	82	27.8	1969	38.0	3.3	32	0.0	1970
4	52.9	11.6	65.2	18.4	83	28.3	1969	40.7	4.8	32	0.0	1970
5	50.3	10.2	64.7	18.2	79	26.1	1969	36.0	2.2	28	-2.2	1971
6	52.9	11.6	68.2	20.1	74	23.3	1969	37.6	3.1	31	-0.6	1972
7	50.7	10.4	65.0	18.3	72	22.2	1970	36.5	2.5	33	0.6	1972
8	49.1	9.5	60.7	15.9	65	18.3	1970	37.5	3.1	29	-1.7	1971
9	52.0	11.1	62.4	16.9	67	19.4	1970	41.6	5.3	34	1.1	1971
10	53.3	11.8	63.0	17.2	65	18.3	1972*	43.6	6.4	32	0.0	1972
11	54.8	12.7	66.3	19.1	76	24.4	1967	43.3	6.3	32	0.0	1972
12	54.9	12.7	64.3	17.9	74	23.3	1968	45.5	7.5	34	1.1	1972
13	53.2	11.8	60.6	15.9	63	17.2	1970*	45.8	7.7	39	3.9	1972
14	54.5	12.5	63.0	17.2	66	18.9	1972	46.0	7.8	39	3.9	1971
15	55.2	12.9	65.2	18.4	71	21.7	1971	45.2	7.3	34	1.1	1971
16	54.2	12.3	62.8	17.1	74	23.3	1971	45.6	7.6	36	2.2	1971
17	51.8	11.0	60.2	15.7	63	17.2	1970*	43.4	6.3	34	1.1	1972
18	54.5	12.5	65.7	18.7	86	30.0	1971	43.3	6.3	39	3.9	1967
19	54.5	12.5	64.2	17.9	81	27.2	1971	44.8	7.1	38	3.3	1967
20	53.6	12.0	61.8	16.6	69	20.6	1970	45.4	7.4	36	2.2	1967
21	53.9	12.2	60.0	15.6	64	17.8	1970	47.8	8.8	40	4.4	1972*
22	56.0	13.3	61.6	16.4	64	17.8	1970	50.4	10.2	42	5.6	1968
23	56.5	13.6	65.6	18.7	83	28.3	1968	47.4	8.6	44	6.7	1971
24	57.4	14.1	66.2	19.0	74	23.3	1972*	48.6	9.2	40	4.4	1972
25	53.9	12.2	62.2	16.8	65	18.3	1970*	45.7	7.6	41	5.0	1972*
26	53.2	11.8	63.0	17.2	76	24.4	1971	43.5	6.4	35	1.7	1971
27	53.9	12.2	65.4	18.6	86	30.0	1971	42.4	5.8	35	1.7	1972
28	56.3	12.4	67.2	19.6	84	28.9	1971	41.4	5.2	33	0.6	1972
29	53.6	12.0	65.8	18.8	84	28.9	1971	41.4	5.2	36	2.2	1969
30	48.7	9.3	60.0	15.6	68	20.0	1970	37.5	3.1	31	-0.6	1970
31	51.1	10.6	62.6	17.0	66	18.9	1970	39.6	4.2	30	-1.1	1972
Monthly	53.4	11.9	63.9	17.7	86	30.0	1971	42.9	6.1	28	-2.2	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1972	FEBRUARY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	50.2	10.1	60.3	15.7	69	20.6	1970	40.0	4.4	33	0.6	1972*
2	54.2	12.3	66.2	19.0	75	23.9	1970	42.3	5.7	37	2.8	1969
3	56.5	13.6	71.2	21.8	75	23.9	1970*	41.8	5.4	35	1.7	1972
4	53.7	12.1	66.4	19.1	75	23.9	1967	41.0	5.0	36	2.2	1971
5	54.9	12.7	65.0	18.3	68	20.0	1970*	44.8	7.1	36	2.2	1971
6	54.1	12.3	64.6	18.1	72	22.2	1968	43.6	6.4	38	3.3	1971*
7	53.8	12.1	67.0	19.4	84	28.9	1970	40.6	4.8	39	3.9	1970*
8	56.4	13.6	69.2	20.7	86	30.0	1970	43.7	6.5	40	4.4	1972*
9	56.2	13.4	67.3	19.6	82	27.8	1971	45.0	7.2	39	3.9	1969
10	56.1	13.4	67.8	19.9	84	28.9	1971	44.3	6.8	37	2.8	1971
11	56.6	13.7	68.4	20.2	82	27.8	1971	44.8	7.1	38	3.3	1972
12	57.6	14.2	67.7	19.8	90	32.2	1971	47.5	8.6	45	7.2	1971
13	55.4	13.0	62.5	16.9	65	18.3	1968	48.2	9.0	46	7.8	1969
14	53.3	11.8	62.2	16.8	63	17.2	1972*	44.4	6.9	35	1.7	1972
15	55.1	12.8	64.8	18.2	74	23.3	1970	45.4	7.4	42	5.6	1970
16	54.8	12.7	64.8	18.2	74	23.3	1970	44.8	7.1	40	4.4	1972*
17	54.3	12.4	64.8	18.2	70	21.1	1969	43.8	6.6	39	3.9	1972
18	53.3	11.8	65.6	18.7	74	23.3	1970	41.0	5.0	36	2.2	1970
19	53.4	11.9	61.2	16.2	70	21.1	1970	45.6	7.6	39	3.9	1971
20	52.4	11.3	61.4	16.3	69	20.6	1970	43.4	6.3	36	2.2	1971
21	53.5	11.9	63.0	17.2	67	19.4	1967	44.0	6.7	34	1.1	1970
22	52.6	11.4	62.2	16.8	69	20.6	1970	43.0	6.1	34	1.1	1970
23	53.4	11.9	63.3	17.4	72	22.2	1970	43.5	6.4	37	2.8	1970
24	54.2	12.3	65.0	18.3	76	24.4	1970	43.4	6.3	38	3.3	1971
25	55.4	13.0	66.2	19.0	83	28.3	1970	44.6	7.0	39	3.9	1971
26	54.6	12.6	64.0	17.8	74	23.3	1970	45.2	7.3	37	2.8	1971
27	54.5	12.5	65.6	18.7	73	22.8	1967	43.4	6.3	33	0.6	1971
28	58.0	14.4	65.2	18.4	70	21.1	1968	50.7	10.4	43	6.1	1969
29	59.5	15.3	70.5	21.4	76	24.4	1968	48.5	9.2	47	8.3	1968
30												
31												
Monthly	54.6	12.6	65.2	18.4	90	32.2	1971	44.0	6.7	33	0.6	1972*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154 (STATION) | CAMP PENDELTON, CALIFORNIA (STATION NAME) | 1967-1972 (YEARS) | MARCH (MONTH)

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	55.6	13.1	64.8	18.2	73	22.8	1967	46.4	8.0	39	3.9	1971
2	53.4	11.9	63.7	17.6	70	21.1	1971	43.0	6.1	36	2.2	1971
3	52.9	11.6	62.5	16.9	72	22.2	1971	43.2	6.2	31	-0.6	1971
4	54.9	12.7	66.8	19.3	90	32.2	1968	43.0	6.1	37	2.8	1971
5	53.0	11.7	63.8	17.7	69	20.6	1968	42.2	5.7	39	3.9	1969
6	53.6	12.0	62.4	16.9	69	20.6	1970	44.7	7.1	40	4.4	1970
7	52.1	11.2	62.7	17.1	70	21.1	1970	41.5	5.3	37	2.8	1969
8	53.6	12.0	61.2	16.2	64	17.8	1968	46.0	7.8	37	2.8	1969
9	54.9	12.7	61.7	16.5	64	17.8	1970	48.0	8.9	43	6.1	1969
10	53.0	11.7	60.0	15.6	62	16.7	1971*	46.0	7.8	40	4.4	1969
11	53.5	11.9	64.6	18.1	75	23.9	1968	42.4	5.8	37	2.8	1969*
12	53.4	11.9	63.6	17.6	66	18.9	1970*	43.2	6.2	39	3.9	1969
13	55.2	12.9	66.0	18.9	82	27.8	1970	44.5	6.9	41	5.0	1969*
14	55.6	13.1	66.5	19.2	79	26.1	1970	44.7	7.1	37	2.8	1969
15	54.8	12.7	67.4	19.7	72	22.2	1970	42.2	5.7	36	2.2	1969
16	60.1	15.6	74.2	23.4	84	28.9	1971	46.0	7.8	40	4.4	1971*
17	54.6	12.6	64.7	18.2	67	19.4	1971*	44.5	6.9	41	5.0	1969
18	57.3	14.1	66.8	19.3	74	23.3	1971	47.8	8.8	42	5.6	1968
19	57.5	14.2	70.6	21.4	79	26.1	1971	44.4	6.9	35	1.7	1968
20	55.0	12.8	68.7	20.4	78	25.6	1970	41.2	5.1	33	0.6	1968
21	54.2	12.3	68.5	20.3	78	25.6	1968	40.0	4.4	37	2.8	1968
22	57.7	14.3	69.2	20.7	78	25.6	1968	46.2	7.9	40	4.4	1969
23	58.0	14.4	69.2	20.7	77	25.0	1970	46.8	8.2	39	3.9	1969
24	57.7	14.3	69.0	20.6	79	26.1	1969	46.5	8.1	37	2.8	1969
25	58.9	14.9	70.7	21.5	86	30.0	1969	47.0	8.3	40	4.4	1969
26	57.8	14.3	68.2	20.1	81	27.2	1969	47.4	8.6	34	1.1	1969
27	57.5	14.2	71.7	22.1	83	28.3	1969	43.2	6.2	32	0.0	1969
28	57.9	14.4	73.7	23.2	83	28.3	1968	42.0	5.6	31	-0.6	1969
29	59.2	15.1	70.0	21.1	88	31.1	1971	48.3	9.1	45	7.2	1968
30	53.8	12.1	61.7	16.5	66	18.9	1971	46.0	7.8	36	2.2	1967
31	54.7	12.6	66.0	18.9	70	21.1	1971	43.3	6.4	36	2.2	1969
Monthly	55.5	13.1	66.5	19.2	90	32.2	1968	44.3	6.9	31	-0.6	1971*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1972	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	58.5	14.7	68.2	20.1	87	30.6	1971	48.7	9.3	42	5.6	1971*
2	57.9	14.4	67.5	19.7	82	27.8	1971	48.2	9.0	42	5.6	1971
3	52.3	11.3	61.7	16.5	64	17.8	1968	43.0	6.1	40	4.4	1969
4	53.8	12.1	66.0	18.9	70	21.1	1968	41.7	5.4	36	2.2	1969
5	58.5	14.7	72.0	22.2	90	32.2	1971	45.0	7.2	41	5.0	1969
6	54.2	12.3	67.0	19.4	82	27.8	1971	41.3	5.2	40	4.4	1969
7	53.5	11.9	66.3	19.1	68	20.0	1971*	40.7	4.8	35	1.7	1969
8	57.0	13.9	70.2	21.2	88	31.1	1968	43.7	6.5	38	3.3	1969
9	57.7	14.3	70.7	21.5	90	32.2	1968	44.7	7.1	42	5.6	1967
10	61.8	16.6	73.7	23.2	94	34.4	1968	50.0	10.0	49	9.4	1968*
11	55.8	13.2	63.3	17.4	70	21.1	1968	48.3	9.1	42	5.6	1968
12	58.5	14.7	65.5	18.6	72	22.2	1971	51.5	10.8	46	7.8	1971*
13	57.0	13.9	65.7	18.7	70	21.1	1971	48.3	9.1	45	7.2	1971
14	55.5	13.1	62.0	16.7	67	19.4	1969	49.0	9.4	45	7.2	1967
15	57.1	13.9	64.5	18.1	69	20.6	1971	49.7	9.8	43	6.1	1969
16	55.7	13.2	64.5	18.1	75	23.9	1969	47.0	8.3	37	2.8	1969
17	54.0	12.2	64.7	18.2	73	22.8	1969	43.3	6.3	38	3.3	1969
18	52.0	11.1	64.0	17.8	66	18.9	1969	40.0	4.4	34	1.1	1968
19	53.9	12.2	65.0	18.3	70	21.1	1969	42.7	5.9	39	3.9	1968
20	56.3	13.5	67.3	19.6	80	26.7	1969	45.3	7.4	42	5.6	1969
21	52.7	11.5	62.3	16.8	69	20.6	1969	43.0	6.1	42	5.6	1967
22	56.4	13.6	65.5	18.6	70	21.1	1968	47.2	8.4	41	5.0	1971*
23	56.1	13.4	69.0	20.6	82	27.8	1968	43.2	6.2	39	3.9	1968
24	53.3	11.8	65.7	18.7	72	22.2	1968	41.0	5.0	40	4.4	1968*
25	54.7	12.6	68.7	20.4	7[illegible]	23.9	1969	40.7	4.8	36	2.2	1969
26	58.4	14.7	70.2	21.2	[illegible]	32.2	1969	46.5	8.1	38	3.3	1969
27	57.8	14.3	72.7	22.6	[illegible]	33.3	1969	43.0	6.1	41	5.0	1971*
28	58.5	14.7	71.0	21.7	[illegible]	31.1	1969	46.0	7.8	41	5.0	1969
29	55.4	13.0	66.0	18.9	[illegible]	23.3	1969	44.7	7.1	32	0.0	1969
30	56.7	13.7	67.0	19.4	[illegible]0	21.1	1969	46.5	8.1	43	6.1	1967
31												
Monthly	56.2	13.4	67.0	19.4	94	34.4	1968	45.3	7.4	32	0.0	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE EXTREME TEMP MAR 1975

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1972	MAY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	56.3	13.5	64.3	17.9	68	20.0	1968	48.3	9.1	42	5.6	1967
2	58.5	14.7	65.7	18.7	68	20.0	1968	51.3	10.7	44	6.7	1967
3	58.5	14.7	64.0	17.8	67	19.4	1971	53.0	11.7	50	10.0	1967
4	56.5	13.6	63.0	17.2	65	18.3	1971	50.0	10.0	49	9.4	1971
5	55.2	12.9	62.3	16.8	63	17.2	1971*	48.0	8.9	43	6.1	1969
6	55.4	13.0	62.0	16.7	65	18.3	1969*	48.7	9.3	41	5.0	1967
7	57.9	14.4	67.2	19.6	72	22.2	1969	48.5	9.2	43	6.1	1968
8	61.5	16.4	71.0	21.7	78	25.6	1969	52.0	11.1	45	7.2	1969
9	61.3	16.3	72.0	22.2	86	30.0	1969	50.7	10.4	45	7.2	1969
10	58.0	14.4	64.3	17.9	66	18.9	1971*	51.7	10.9	48	8.9	1971
11	59.2	15.1	65.7	18.7	69	20.6	1971	52.7	11.5	49	9.4	1967
12	58.7	14.8	63.7	17.6	69	20.6	1969	53.7	12.1	48	8.9	1967
13	59.5	15.3	67.0	19.4	71	21.7	1971	52.0	11.1	47	8.3	1967
14	61.4	16.3	71.2	21.8	80	26.7	1967	51.5	10.8	43	6.1	1968
15	59.3	15.2	72.3	22.4	76	24.4	1967	46.3	7.9	40	4.4	1968
16	62.0	16.7	72.0	22.2	74	23.3	1969*	52.0	11.1	46	7.8	1968
17	63.1	17.3	72.5	22.5	77	25.0	1971	53.7	12.1	51	10.6	1967
18	62.7	17.1	75.3	24.1	85	29.4	1971	50.0	10.0	46	7.8	1971
19	63.0	17.2	74.5	23.6	84	28.9	1971	51.5	10.8	47	8.3	1971
20	62.1	16.7	69.2	20.7	72	22.2	1968	55.0	12.8	49	9.4	1971
21	59.7	15.4	65.0	18.3	69	20.6	1969	54.5	12.5	51	10.6	1971
22	59.7	15.4	67.0	19.4	68	20.0	1969*	52.3	11.3	49	9.4	1967
23	61.3	16.3	69.3	20.7	71	21.7	1967	53.3	11.8	48	8.9	1968
24	60.6	15.9	68.7	20.4	71	21.7	1971	52.5	11.4	48	8.9	1971
25	60.3	15.7	68.7	20.4	73	22.8	1968	52.0	11.1	47	8.3	1968
26	63.5	17.5	73.2	22.9	82	27.8	1968	53.7	12.1	50	10.0	1968
27	62.1	16.7	71.0	21.7	77	25.0	1969*	53.2	11.8	52	11.1	1968
28	60.9	16.1	69.0	20.6	76	24.4	1969*	52.7	11.5	49	9.4	1971
29	63.2	17.3	69.3	20.7	72	22.2	1968	57.0	13.9	55	12.8	1969
30	62.2	16.8	67.0	19.4	70	21.1	1968	57.5	14.2	55	12.8	1967
31	61.2	16.2	67.0	19.4	70	21.1	1968	55.5	13.1	53	11.7	1967
Monthly	60.2	15.7	68.4	20.2	86	30.0	1969	52.1	11.2	40	4.4	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1972	JUNE
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	62.5	16.9	69.2	20.7	74	23.3	1968	55.0	12.8	52	11.1	1967
2	60.9	16.1	68.0	20.0	75	23.9	1968	53.7	12.1	48	8.9	1971
3	60.7	15.9	68.2	20.1	72	22.2	1968	53.2	11.8	47	8.3	1967
4	61.1	16.2	67.2	19.6	69	20.6	1971*	55.0	12.8	49	9.4	1971*
5	61.2	16.2	66.3	19.1	69	20.6	1969	56.0	13.3	50	10.0	1967
6	60.2	15.7	68.0	20.0	74	23.3	1969	52.3	11.3	48	8.9	1967
7	62.3	16.8	68.7	20.4	72	22.2	1971	57.0	13.9	55	12.8	1968
8	58.7	14.8	64.3	17.9	66	18.9	1971	54.0	12.2	53	11.7	1968
9	61.5	16.4	66.2	19.0	70	21.1	1969	56.7	13.7	56	13.3	1967
10	60.9	16.1	68.5	20.3	76	24.4	1968	53.2	11.8	48	8.9	1968
11	62.2	16.8	70.2	21.2	73	22.8	1971*	54.2	12.3	53	11.7	1969
12	61.2	16.2	67.0	19.4	70	21.1	1968	55.3	12.9	53	11.7	1969
13	63.8	17.7	71.0	21.7	74	23.3	1969	56.7	13.7	55	12.8	1968
14	65.9	18.8	74.2	23.4	87	30.6	1971	57.5	14.2	55	12.8	1967
15	64.2	17.9	74.7	23.7	84	28.9	1971	53.7	12.1	52	11.1	1971*
16	62.5	16.9	70.0	21.1	77	25.0	1968	55.0	12.8	48	8.9	1971
17	63.6	17.6	70.5	21.4	76	24.4	1968	56.7	13.7	56	13.3	1968
18	64.1	17.8	72.2	22.3	75	23.9	1969*	56.0	13.3	54	12.2	1969
19	63.0	17.2	72.0	22.2	77	25.0	1968	54.0	12.2	53	11.7	1969*
20	65.3	18.5	73.7	23.2	83	28.3	1968	57.0	13.9	52	11.1	1968
21	66.6	19.2	77.5	25.3	90	32.2	1968	55.7	13.2	49	9.4	1968
22	65.6	18.7	73.2	22.9	78	25.6	1968	58.0	14.4	56	13.3	1968
23	64.9	18.3	70.7	21.5	77	25.0	1971	59.0	15.0	57	13.9	1967
24	64.1	17.8	69.2	20.7	73	22.8	1971	59.0	15.0	56	13.3	1969
25	65.0	18.3	70.2	21.2	74	23.3	1971	59.7	15.4	57	13.9	1969
26	63.7	17.6	69.7	20.9	72	22.2	1969	57.7	14.3	54	12.2	1969
27	62.8	17.1	68.3	20.2	70	21.1	1969	57.3	14.1	55	12.8	1969*
28	63.5	17.5	70.2	21.2	74	23.3	1971*	56.7	13.7	50	10.0	1969
29	62.7	17.1	70.3	21.3	76	24.4	1971	55.0	12.8	50	10.0	1968
30	63.4	17.4	74.0	23.3	84	28.9	1969	52.7	11.5	49	9.4	1969*
31												
Monthly	63.0	17.2	70.2	21.2	90	32.2	1968	55.8	13.2	47	8.3	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154 — STATION
CAMP PENDELTON, CALIFORNIA — STATION NAME
1967-1972 — YEARS
JULY — MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	62.9	17.2	74.0	23.3	80	26.7	1970*	51.8	11.0	46	7.8	1969*
2	65.5	18.6	76.0	24.4	87	30.6	1970	55.0	12.8	51	10.6	1970
3	66.1	18.9	77.0	25.0	88	31.1	1969	55.2	12.9	52	11.1	1969
4	64.7	18.2	71.0	21.7	74	23.3	1968	58.5	14.7	58	14.4	1968
5	66.0	18.9	70.5	21.4	72	22.2	1968	61.5	16.4	60	15.6	1968
6	65.5	18.6	70.3	21.3	75	23.9	1971	60.7	15.9	59	15.0	1971
7	66.3	19.1	73.6	23.1	79	26.1	1970	59.0	15.0	54	12.2	1969
8	69.0	20.6	79.2	26.2	94	34.4	1968	58.8	14.9	52	11.1	1969
9	69.2	20.7	81.2	27.3	93	33.9	1968	57.2	14.0	50	10.0	1969
10	68.6	20.3	79.0	26.1	96	35.6	1968	58.2	14.6	54	12.2	1969
11	68.9	20.5	79.5	26.4	90	32.2	1968	58.2	14.6	53	11.7	1969
12	69.7	20.9	81.0	27.2	88	31.1	1968	58.5	14.7	57	13.9	1971*
13	70.2	21.2	77.3	25.2	84	28.9	1971	63.0	17.2	60	15.6	1971
14	67.4	19.7	75.2	24.0	79	26.1	1969	59.6	15.3	50	10.0	1969
15	68.0	20.0	75.6	24.2	81	27.2	1969	60.4	15.8	50	10.0	1969
16	66.7	19.3	75.0	23.9	82	27.8	1971	60.2	15.7	57	13.9	1969
17	67.0	19.4	75.5	24.2	79	26.1	1970	58.5	14.7	56	13.3	1969
18	68.8	20.4	78.0	25.6	86	30.0	1969	59.7	15.4	56	13.3	1969
19	70.1	21.2	78.5	25.8	82	27.8	1969	61.7	16.5	60	15.6	1969
20	70.1	21.2	79.0	26.1	84	28.9	1970	61.2	16.2	60	15.6	1968*
21	70.0	21.1	78.5	25.8	87	30.6	1970	61.5	16.4	59	15.0	1967
22	69.7	20.9	78.2	25.7	81	27.2	1970	61.2	16.2	55	12.8	1969
23	69.4	20.8	77.4	25.2	80	26.7	1968	61.4	16.3	58	14.4	1969
24	67.6	19.8	74.5	23.6	76	24.4	1968	60.7	15.9	54	12.2	1969
25	68.5	20.3	75.5	24.2	77	25.0	1970*	61.5	16.4	56	13.3	1969
26	70.1	21.2	76.5	24.7	78	25.6	1971	63.7	17.6	60	15.6	1969
27	70.0	21.1	76.3	24.6	77	25.0	1967	63.7	17.6	62	16.7	1971*
28	71.3	21.8	78.0	25.6	80	26.7	1968	64.6	18.1	62	16.7	1970
29	72.5	22.5	81.8	27.7	88	31.1	1968	63.2	17.3	56	13.3	1970
30	73.1	22.8	82.4	28.0	88	31.1	1971	63.8	17.7	60	15.6	1970
31	71.2	21.8	80.7	27.1	88	31.1	1970	61.7	16.5	58	14.4	1970
Monthly	68.6	20.3	77.3	25.2	96	35.6	1968	60.0	15.6	46	7.8	1969*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

5-25 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1972	AUGUST
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	71.7	22.1	78.7	25.9	83	28.3	1969	64.7	18.2	63	17.2	1968
2	74.2	23.4	83.7	28.7	96	35.6	1971	64.7	18.2	60	15.6	1969
3	71.1	21.7	77.7	25.4	88	31.1	1971	64.5	18.1	61	16.1	1970*
4	71.7	22.1	80.8	27.1	96	35.6	1971	62.6	17.0	58	14.4	1969
5	72.2	22.3	81.0	27.2	92	33.3	1971	63.4	17.4	57	13.9	1969
6	71.9	22.2	82.2	27.9	93	33.9	1971	61.6	16.4	58	14.4	1969
7	72.9	22.7	85.0	29.4	100	37.8	1969	60.7	15.9	54	12.2	1969
8	71.1	21.7	81.2	27.3	89	31.7	1970	61.0	16.1	58	14.4	1969
9	69.3	20.7	80.0	26.7	88	31.1	1969	58.7	14.8	54	12.2	1969
10	73.7	23.2	84.0	28.9	97	36.1	1969	64.5	18.1	62	16.7	1968
11	72.8	22.7	81.2	27.3	88	31.1	1971	64.4	18.0	60	15.6	1969
12	72.1	22.3	81.0	27.2	86	30.0	1971	63.2	17.3	59	15.0	1969*
13	71.1	21.7	78.8	26.0	85	29.4	1971	63.4	17.4	59	15.0	1968
14	70.4	21.3	78.0	25.6	83	28.3	1970	62.7	17.1	58	14.4	1968
15	69.9	21.1	77.2	25.1	81	27.2	1970	62.5	16.9	60	15.6	1970*
16	72.1	22.3	79.2	26.2	84	28.9	1970	65.0	18.3	59	15.0	1969
17	70.3	21.3	78.0	25.6	82	27.8	1970	62.6	17.0	56	13.3	1968
18	69.6	20.9	77.0	25.0	81	27.2	1971	62.2	16.8	55	12.8	1968
19	70.5	21.4	79.2	26.2	84	28.9	1971	61.8	16.6	54	12.2	1969
20	70.7	21.5	78.8	26.0	83	28.3	1969	62.6	17.0	53	11.7	1969
21	69.6	20.9	80.0	26.7	91	32.8	1969	59.2	15.1	53	11.7	1969
22	70.5	21.4	84.3	29.1	102	38.9	1969	56.7	13.7	50	10.0	1968
23	69.4	20.8	83.7	28.7	96	35.6	1968	55.0	12.8	44	6.7	1969
24	71.0	21.7	81.6	27.6	89	31.7	1968	60.4	15.8	53	11.7	1969
25	72.0	22.2	81.6	27.6	90	32.2	1968	62.4	16.9	58	14.4	1969
26	71.7	22.1	81.6	27.6	89	31.7	1971	61.8	16.6	55	12.8	1969
27	70.9	21.6	80.2	26.8	90	32.2	1971	61.6	16.4	58	14.4	1968
28	70.6	21.4	79.7	26.5	90	32.2	1968	61.5	16.4	56	13.3	1968
29	68.6	20.3	76.2	24.6	78	25.6	1970*	61.0	16.1	58	14.4	1969
30	70.9	21.6	80.0	26.7	91	32.8	1971	61.7	16.5	58	14.4	1969
31	70.9	21.6	80.2	26.8	91	32.8	1971	61.6	16.4	57	13.9	1969
Monthly	71.2	21.8	80.4	26.9	102	38.9	1969	62.0	16.7	44	6.7	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1976

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1967-1973	SEPTEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	71.9	22.2	82.4	28.0	93	33.9	1967	61.4	16.3	55	12.8	1969
2	72.2	22.3	80.0	26.7	83	28.3	1969*	64.4	18.0	60	15.6	1969
3	70.1	21.2	77.0	25.0	79	26.1	1969	63.2	17.3	59	15.0	1971
4	69.9	21.1	77.0	25.0	81	27.2	1969	62.7	17.1	60	15.6	1970
5	70.3	21.3	77.0	25.0	80	26.7	1969	63.7	17.6	59	15.0	1968
6	70.7	21.5	79.7	26.5	85	29.4	1968	61.7	16.5	56	13.3	1968
7	72.7	22.6	82.5	28.1	89	31.7	1968	63.0	17.2	60	15.6	1968
8	72.1	22.3	82.4	28.0	90	32.2	1968	61.8	16.3	58	14.4	1970
9	71.7	22.1	82.2	27.9	91	32.8	1968	61.2	16.2	58	14.4	1970
10	73.0	22.8	84.8	29.3	89	31.7	1971	61.2	16.2	57	13.9	1968
11	71.0	21.7	80.0	26.7	81	27.2	1967	62.0	16.7	59	15.0	1968
12	70.7	21.5	77.0	25.0	80	26.7	1969	64.3	17.9	62	16.7	1969*
13	73.4	23.0	81.7	27.6	106	41.1	1971	65.0	18.3	62	16.7	1969
14	69.9	21.1	77.4	25.2	93	33.9	1971	62.4	16.9	55	12.8	1970
15	68.4	20.2	74.6	23.7	79	26.1	1971	62.2	16.8	50	10.0	1970
16	68.8	20.4	76.0	24.4	78	25.6	1970	61.6	16.4	50	10.0	1970
17	69.9	21.1	77.0	25.0	84	28.9	1970	62.8	17.1	56	13.3	1968
18	70.0	21.1	76.5	24.7	85	29.4	1970	63.5	17.5	58	14.4	1970
19	68.3	20.2	72.3	22.4	73	22.8	1969*	64.3	17.9	63	17.2	1969
20	66.5	19.2	74.0	23.3	78	25.6	1970	59.0	15.0	52	11.1	1968
21	65.0	18.3	73.8	23.2	76	24.4	1970	56.2	13.4	49	9.4	1968
22	67.6	19.8	81.2	27.3	94	34.4	1970	54.0	12.2	50	10.0	1970*
23	67.9	19.9	80.2	26.8	96	35.6	1968	55.6	13.1	49	9.4	1968
24	67.6	19.8	79.2	26.2	94	34.4	1968	56.0	13.3	47	8.3	1970
25	70.2	21.2	82.0	27.8	94	34.4	1968	58.5	14.7	52	11.1	1968
26	70.5	21.4	80.5	26.9	98	36.7	1970	60.5	15.8	53	11.7	1968
27	70.1	21.2	81.0	27.2	103	39.4	1970	59.2	15.1	53	11.7	1971
28	69.2	20.7	79.2	26.2	98	36.7	1970	59.2	15.1	47	8.3	1971
29	68.7	20.4	78.8	26.0	90	32.2	1970	58.6	14.8	46	7.8	1971
30	67.3	19.6	77.0	25.0	90	32.2	1970	57.6	14.2	53	11.7	1971
31												
Monthly	69.8	21.0	78.9	26.1	106	41.1	1971	60.7	15.9	46	7.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1966-1973	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	65.5	18.6	76.2	24.6	87	30.6	1970	54.8	12.7	47	8.3	1971
2	66.6	19.2	74.7	23.7	84	28.9	1970	58.5	14.7	54	12.2	1968
3	66.4	19.1	73.4	23.0	83	28.3	1970	59.4	15.2	56	13.3	1969
4	66.0	18.9	77.8	25.4	92	33.3	1971	54.2	12.3	47	8.3	1971
5	66.2	19.0	77.0	25.0	98	36.7	1971	55.4	13.0	50	10.0	1968
6	67.0	19.4	78.0	25.6	103	39.4	1971	56.0	13.3	42	5.6	1969
7	67.1	19.5	77.8	25.4	94	34.4	1971	56.4	13.6	48	8.9	1969
8	65.7	18.7	81.5	27.5	87	30.6	1970	50.0	10.0	44	6.7	1970*
9	62.4	16.9	75.2	24.0	82	27.8	1970	49.5	9.7	46	7.8	1970
10	62.6	17.0	72.0	22.2	76	24.4	1970	53.2	11.8	44	6.7	1970
11	64.0	17.8	73.4	23.0	80	26.7	1969	54.6	12.6	52	11.1	1970*
12	63.1	17.3	74.3	23.5	80	26.7	1971	53.0	11.7	43	6.1	1969
13	63.0	17.2	72.3	22.4	77	25.0	1971	53.7	12.1	44	6.7	1969
14	64.6	18.1	73.4	23.0	83	28.3	1966	55.8	13.2	44	6.7	1969
15	61.9	16.6	71.5	21.9	78	25.6	1968	52.2	11.2	46	7.8	1969
16	66.0	18.9	80.5	26.9	93	33.9	1967	51.5	10.8	46	7.8	1969*
17	67.0	19.4	78.6	25.9	89	31.7	1968	55.4	13.0	48	8.9	1966
18	63.0	17.2	75.0	23.9	84	28.9	1968	51.0	10.6	42	5.6	1971
19	60.7	15.9	71.8	22.1	76	24.4	1968	49.7	9.8	42	5.6	1969
20	59.7	15.4	72.2	22.3	79	26.1	1969	47.2	8.4	41	5.0	1971
21	60.0	15.6	72.4	22.4	77	25.0	1971	47.6	8.7	44	6.7	1971
22	62.4	16.9	77.0	25.0	87	30.6	1971	47.7	8.7	43	6.1	1971
23	63.1	17.3	77.2	25.1	89	31.7	1968	49.0	9.4	43	6.1	1968
24	63.2	17.3	73.8	23.2	93	33.9	1968	52.6	11.4	47	8.3	1968
25	62.8	17.1	74.6	23.7	88	31.1	1968	51.0	10.6	48	8.9	1968
26	59.4	15.2	70.3	21.3	79	26.1	1968	48.0	8.9	42	5.6	1970
27	60.1	15.6	70.3	21.3	83	28.3	1970	49.8	9.9	40	4.4	1968
28	59.7	15.4	70.8	21.6	86	30.0	1970	48.6	9.2	42	5.6	1971
29	58.0	14.4	71.2	21.8	83	28.3	1970	44.8	7.1	37	2.8	1971
30	63.9	17.7	79.7	26.5	91	32.8	1969	48.0	8.9	39	3.9	1970
31	60.3	15.7	74.2	23.4	87	30.6	1969	46.4	8.0	40	4.4	1970
Monthly	63.2	17.3	74.6	23.7	103	39.4	1971	51.8	11.0	37	2.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1966-1973	NOVEMBER
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	63.2	17.3	81.5	27.5	94	34.4	1966	44.8	7.1	34	1.1	1971
2	62.7	17.1	78.0	25.6	90	32.2	1966	47.3	8.5	37	2.8	1971
3	60.2	15.7	72.7	22.6	86	30.0	1971	47.8	8.8	38	3.3	1971
4	60.5	15.8	72.6	22.6	80	26.7	1971	48.4	9.1	40	4.4	1971
5	58.4	14.7	69.7	20.9	74	23.3	1970	47.0	8.3	41	5.0	1971
6	62.0	16.7	70.2	21.2	74	23.3	1970*	53.7	12.1	44	6.7	1968
7	59.2	15.1	66.7	19.3	71	21.7	1968	51.7	10.9	49	9.4	1969*
8	59.9	15.5	70.2	21.2	89	31.7	1968	49.6	9.8	45	7.2	1968
9	59.5	15.3	71.8	22.1	81	27.2	1970*	47.2	8.4	44	6.7	1970
10	60.4	15.8	73.0	22.8	84	28.9	1968	47.8	8.8	43	6.1	1970
11	64.7	18.2	79.3	26.3	84	28.9	1969*	50.0	10.0	44	6.7	1968
12	60.7	15.9	71.7	22.1	83	28.3	1969	49.7	9.8	48	8.9	1971
13	61.4	16.3	74.2	23.4	85	29.4	1969	48.5	9.2	43	6.1	1970
14	58.9	14.9	68.5	20.3	74	23.3	1969	49.2	9.6	41	5.0	1968
15	56.9	13.8	63.6	17.6	67	19.4	1967	50.2	10.1	38	3.3	1971
16	59.6	15.3	69.2	20.7	77	25.0	1970	50.0	10.0	38	3.3	1971
17	57.7	14.3	69.7	20.9	77	25.0	1970	45.7	7.6	36	2.2	1971
18	55.1	12.8	66.6	19.2	76	24.4	1969	43.6	6.4	39	3.9	1971
19	60.5	15.8	73.0	22.8	80	26.7	1969	48.0	8.9	45	7.2	1970*
20	62.9	17.2	76.0	24.4	84	28.9	1968	49.7	9.8	44	6.7	1970*
21	59.2	15.1	69.7	20.9	79	26.1	1968	48.7	9.3	40	4.4	1969
22	54.7	12.6	66.6	19.2	73	22.8	1969	42.8	6.0	37	2.8	1971*
23	55.5	13.1	70.8	21.6	81	27.2	1969	40.2	4.6	37	2.8	1970*
24	57.0	13.9	70.0	21.1	83	28.3	1969	44.0	6.7	37	2.8	1971
25	57.2	14.0	68.2	20.1	84	28.9	1969	46.2	7.9	41	5.0	1966
26	60.7	15.9	77.0	25.0	82	27.8	1969	44.5	6.9	44	6.7	1969
27	59.3	15.2	74.7	23.7	84	28.9	1969	44.0	6.7	38	3.3	1968
28	58.7	14.8	71.0	21.7	80	26.7	1969	46.5	8.1	36	2.2	1968
29	55.0	12.8	67.8	19.9	76	24.4	1969	42.2	5.7	37	2.8	1971
30	54.7	12.6	63.7	17.6	72	22.2	1969	45.7	7.6	38	3.3	1968
31												
Monthly	59.1	15.1	71.1	21.7	94	34.4	1966	47.1	8.4	34	1.1	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5605 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03154	CAMP PENDELTON, CALIFORNIA	1966-1973	DECEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	55.1	12.8	65.3	18.5	79	26.1	1969	44.8	7.1	39	3.9	1971
2	57.1	13.9	67.8	19.9	82	27.8	1969	46.4	8.0	36	2.2	1971
3	56.6	13.7	68.2	20.1	76	24.4	1968	45.0	7.2	38	3.3	1970
4	56.1	13.4	70.0	21.1	78	25.6	1968	42.2	5.7	40	4.4	1970
5	57.2	14.0	69.2	20.7	79	26.1	1970	45.2	7.3	34	1.1	1968
6	54.2	12.3	66.0	18.9	70	21.1	1969*	42.4	5.8	31	-0.6	1968
7	54.2	12.3	66.5	19.2	74	23.3	1970	42.0	5.6	34	1.1	1968
8	52.4	11.3	63.5	17.5	71	21.7	1968	41.3	5.2	33	0.6	1971
9	51.3	10.7	63.0	17.2	68	20.0	1968	39.6	4.2	30	-1.1	1971
10	51.5	10.8	64.2	17.9	70	21.1	1970	38.7	3.7	35	1.7	1971
11	54.2	12.3	67.5	19.7	75	23.9	1970	41.0	5.0	39	3.9	1969
12	56.1	13.4	70.4	21.3	74	23.3	1966	41.8	5.4	35	1.7	1970*
13	51.3	10.7	64.4	18.0	73	22.8	1969	38.2	3.4	34	1.1	1967
14	50.2	10.1	63.2	17.3	70	21.1	1969	37.3	2.9	30	-1.1	1971
15	50.7	10.4	62.2	16.8	70	21.1	1969*	39.2	4.0	32	0.0	1969
16	51.9	11.1	65.4	18.6	72	22.2	1969	38.4	3.6	30	-1.1	1971
17	51.7	10.9	63.2	17.3	69	20.6	1969	40.2	4.6	32	0.0	1971
18	50.6	10.3	60.5	15.8	65	18.3	1969	40.7	4.8	32	0.0	1968
19	51.2	10.7	59.2	15.1	66	18.9	1969	43.2	6.2	36	2.2	1968
20	50.5	10.3	60.6	15.9	70	21.1	1969	40.4	4.7	30	-1.1	1968
21	50.7	10.4	61.0	16.1	68	20.0	1969	40.5	4.7	25	-3.9	1968
22	52.6	11.4	62.5	16.9	66	18.9	1969*	42.7	5.9	32	0.0	1968
23	53.0	11.7	63.4	17.4	67	19.4	1968	42.6	5.9	34	1.1	1968
24	50.5	10.3	62.0	16.7	64	17.8	1969	39.0	3.9	32	0.0	1968
25	50.0	10.0	61.0	16.1	65	18.3	1969	39.0	3.9	36	2.2	1968
26	53.0	11.7	66.0	18.9	73	22.8	1967	40.0	4.4	30	-1.1	1969
27	48.1	8.9	58.6	14.8	62	16.7	1969*	37.6	3.1	31	-0.6	1969
28	49.6	9.8	58.3	14.6	62	16.7	1970	40.8	4.9	35	1.7	1966
29	50.2	10.1	61.7	16.5	66	18.9	1969	38.7	3.7	28	-2.2	1966
30	51.0	10.6	66.0	18.9	72	22.2	1970	36.0	2.2	29	-1.7	1969
31	55.3	12.9	71.7	22.1	79	26.1	1968	39.0	3.9	29	-1.7	1969
Monthly	52.5	11.4	64.1	17.8	82	27.8	1969	40.9	4.9	25	-3.9	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE EXTREME TEMP MAR 1974

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03154 CAMP PENDLETON, CALIFORNIA 66-72

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		75	73	63	80	68	77	78	93				
68						90	96	96	96	93	89	79	
69	83	75		92					88		86	82	
70	76	86								87			
71													
72													
73													
MEAN	79.5	78.7	73.0	77.5	80.0	79.0	86.5	87.0	92.3	90.0	87.5	80.5	
S. D.													
TOTAL OBS.	62	84	31	60	31	60	62	62	90	62	60	62	726

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										83	94	74	MAX TEMP
										23	20	21	DAYS
67	76									93	80	73	MAX TEMP
	25									22	21	20	DAYS
68	83	76	90	94	82								MAX TEMP
	22	20	21	22	29								DAYS
69			86		86	84	88	102		91			MAX TEMP
			29		23	27	24	30		30			DAYS
70			82				88	89	103		81	79	MAX TEMP
			29	0	0	0	22	25	24		19	24	DAYS
71	86	90	88	90	85	87	88	96	106	103	86	67	MAX TEMP
	23	22	23	22	20	22	21	21	21	19	18	20	DAYS
72	74	76											MAX TEMP
	21	20											DAYS
73													MAX TEMP
									0				DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

191755

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67		40	36	40	41	47	59	62	58				
68						48	46	50	49	40	36	25	
69	32	33		32					55		37	29	
70	29	34								39			
71													
72													
73													
MEAN	30.5	35.7	36.0	36.0	41.0	47.5	52.5	56.0	54.0	39.5	36.5	27.0	
S. D.													
TOTAL OBS.	62	84	31	60	31	60	62	62	90	62	60	62	726

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03154 STATION — CAMP PENDLETON, CALIFORNIA STATION NAME — 66-72 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66										48	41	28	MIN TEMP
										23	20	21	DAYS
67	36									46	41	34	MIN TEMP
	25									22	21	20	DAYS
68	35	39	33	34	40								MIN TEMP
	22	20	21	22	29								DAYS
69			31		43	49	46	44		41			MIN TEMP
			29		23	27	24	30		30			DAYS
70			38				51	58	47		37	35	MIN TEMP
			29	0	0	0	22	25	24		19	24	DAYS
71	28	33	31	41	46	48	53	59	46	37	34	30	MIN TEMP
	23	22	22	22	20	19	20	20	21	17	18	20	DAYS
72	30	33											MIN TEMP
	21	20											DAYS
73													MIN TEMP
									0				DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

191759

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-76 — YEARS
JAN — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91														.3				1	1		
88/ 87																.3		1	1		
86/ 85												.3						1	1		
84/ 83											.3			.3	.5			4	4		
82/ 81													.3	.5				3	3		
80/ 79					.3				.3	.3	.5	.5	.3	.3				9	9		
78/ 77										.3		.3	.3					3	3		
76/ 75										.3	.3	.3	.5					5	5		
74/ 73					.3		.3	.3		.5	.5							7	7		
72/ 71						.3	.5	.5	.3	.5		.3						9	9	1	
70/ 69							.3	.3	.8	.8								8	8		1
68/ 67				.3	.3	.8	.8	.8	.5	.3								14	14		
66/ 65				.3	.3	.3	1.1	1.1	.5	.5								17	17	3	
64/ 63			.3	.3	1.1	.8	.5	.5	.5									15	15	3	
62/ 61		.3	.8	.8	1.4	1.9	.5	.5	.8									26	26	6	1
60/ 59		.3	1.4	2.2	.8	1.4	1.1	.3	.5									29	29	12	
58/ 57	1.1	.3	1.9	1.4		1.4	.3	.5	.3									27	27	25	7
56/ 55		2.4	2.2	2.2	1.4	.5	1.6											38	38	36	6
54/ 53	.5	.8	1.9	.3	.3	.5	.8											20	20	32	22
52/ 51	1.1	2.7	1.1	.8	.5	.8												26	26	34	26
50/ 49		3.2	.3	.8		1.1	.3											21	21	44	34
48/ 47		1.9	.3	.5	.5													12	12	33	38
46/ 45	.5	2.2	.5	.3														13	13	26	24
44/ 43	.5	.3																3	3	21	27
42/ 41	.3	1.6	.3															8	8	12	25
40/ 39	1.6	1.4	.5	.3	.3													15	15	18	28
38/ 37	.3	1.1																6	6	9	19
36/ 35	1.1	2.2	.5															14	14	11	22
34/ 33	.3	.3	.5															4	4	8	16
32/ 31	.5	1.1																6	6	10	19
30/ 29	.3		.3															2	2	2	19
28/ 27			.3															1	1		13
26/ 25			.3															1	1	2	12
24/ 23																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-76 (YEARS) | JAN (MONTH)

PAGE 2 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																				1	1
20/ 19																					2
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL	8.7	22.0	13.3	10.8	7.6	9.8	8.1	4.9	4.6	3.5	1.6	1.6	1.4	1.4	.5	.3			369		369
																		369		369	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1749254	23676	64.2	25.007	369							
Dry Bulb	1215843	20703	56.1	12.145	369		20.2	131.1	68.6	28.2		744.0
Wet Bulb	900682	17998	48.8	7.876	369		30.2	2.0				744.0
Dew Point	666969	15315	41.5	9.227	369		147.2	2.0				744.0

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5-68 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-76 — YEARS
FEB — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81												.3						1	1		
80/ 79										.3								1	1		
78/ 77												.3		.6				3	3		
76/ 75					.3			.3			.6	.6						6	6		
74/ 73										.3			.3					2	2		
72/ 71						.3	.9	.6			.3							7	7		
70/ 69					.3		.9		1.2	.9								11	11		
68/ 67				.3	.6		2.4	.3	.3	.6	.3							16	16	1	
66/ 65				.3	1.2	.6	1.5	.3	.6	.3								16	16		
64/ 63			.6	2.4	2.4	2.1	.6		.9									30	30	1	1
62/ 61			1.2	2.9	2.7	.9	.6	.6										30	30	4	
60/ 59		.6	2.1	5.0	1.8	.3												33	33	13	
58/ 57		2.1	2.6	3.8	.3	.3	.6	.6										34	34	26	6
56/ 55		1.8	3.5	1.8	.9		.3											28	28	55	11
54/ 53		2.4	1.3	.6	.3	.3												17	17	56	27
52/ 51		1.2	1.2	.9		.3	.6											14	14	46	34
50/ 49	.9	2.1	.6		.3													13	13	24	50
48/ 47	.3	1.2	.3	.3														7	7	26	34
46/ 45	.3	1.2	.3	.3														7	7	8	33
44/ 43	.3	1.8																7	7	16	22
42/ 41	.6	.9	1.2															9	9	7	15
40/ 39	.9	1.5	.3	.9	.3													13	13	11	19
38/ 37	.6	1.2	.9															9	9	11	12
36/ 35	.9	2.1	.6															12	12	11	15
34/ 33		.6		.3														3	3	11	13
32/ 31	.3	1.8	.3															8	8	3	13
30/ 29			.3	.3														2	2	7	7
28/ 27																					12
26/ 25																				1	3
24/ 23																				1	5
20/ 19																					6
6/ 5																					1
TOTAL	5.0	22.1	17.1	20.1	11.2	5.0	8.3	2.7	2.9	2.4	1.2	1.2	.3	.6				339	339		339
																		339		339	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1718952	23083	68.1	20.868	339							
Dry Bulb	1095084	18910	55.8	10.912	339		19.8	93.2	25.8	4.0		672.0
Wet Bulb	854114	16804	49.6	7.910	339		23.8	2.0				672.0
Dew Point	676497	14829	43.7	9.073	339		93.2					672.0

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION | CAMP PENDLETON, CALIFORNIA — STATION NAME | 73-76 — YEARS | MAR — MONTH

PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87																.2		1	1		
82/ 81													.5					2	2		
80/ 79										.2	.2	.5						4	4		
78/ 77									.2			.2						2	2		
76/ 75									.2		.5							3	3		
74/ 73								.2	.7									4	4		
72/ 71						.2		.7			.2							5	5		
70/ 69					.5		1.5											8	8		
68/ 67			.7		.2	1.5	.5	.2										13	13		
66/ 65				.7	1.7	.2	1.0	.7										18	18	1	
64/ 63			.7	1.7	3.5	1.2	.2											30	30	2	1
62/ 61			1.5	3.7	1.2	1.5	1.2											37	37	8	2
60/ 59		.7	2.2	3.2	3.2	1.2	.7											46	46	17	
58/ 57	.5	.7	3.0	1.2	1.7	.5	.5	.2										34	34	46	7
56/ 55	.2	2.5	1.7	3.7	.5	.7	.2											39	39	54	16
54/ 53	.2	4.7	2.7	.5	.2	.2												35	35	48	33
52/ 51	1.2	2.7	1.5	.7														25	25	66	53
50/ 49	1.2	3.2	.7	.5														23	23	57	62
48/ 47	2.0	1.5	.2	.2														16	16	31	59
46/ 45	.7	1.5	.2															10	10	18	42
44/ 43	1.2	2.2	.2															15	15	16	31
42/ 41	1.2	2.0																13	13	13	34
40/ 39	1.7	1.0																11	11	14	25
38/ 37	.2	.5																3	3	4	14
36/ 35		.5																2	2	3	10
34/ 33		.5																2	2	3	4
32/ 31																					6
28/ 27																					2
TOTAL	10.7	24.4	15.7	16.5	13.0	7.5	6.0	2.2	1.2	.2	1.0	.7	.5			.2		401	401	401	401

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	2304914	29368	73.2	19.627	401
Dry Bulb	1311388	22650	56.5	8.948	401
Wet Bulb	1067143	20557	51.3	5.766	401
Dew Point	893261	18779	46.8	5.880	401

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb			77.9	29.7	9.3		744.0
Wet Bulb							744.0
Dew Point		14.8					744.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
APR — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81													.3					1	1		
80/ 79													.3					1	1		
78/ 77										.3	.3	.3						3	3		
76/ 75						.3		.3	.3	.5	.3							6	6		
74/ 73							.3	.8		.3	.3	.3						7	7		
72/ 71						.5		.5	.8									7	7		
70/ 69				.3	.3	.8		.3	.3	.3								9	9		
68/ 67				.3	.8	1.6		.3	.3									12	12		
66/ 65			.3	1.0	3.1	1.6	1.6	.3		.3								31	31	1	
64/ 63				1.6	3.6	1.6	.5											28	28	3	
62/ 61			1.0	3.1	4.9	2.1	.3											44	44	9	2
60/ 59			1.3	3.4	1.0	.5												24	24	17	2
58/ 57	.5	1.6	2.3	1.6	.8	.8												31	31	39	7
56/ 55		5.5	2.9	.3	1.3													38	38	54	11
54/ 53		2.9	.3		.3													14	14	78	39
52/ 51	.8	3.6	1.3		.5													24	24	45	55
50/ 49	1.0	6.2	.8	.3														32	32	32	68
48/ 47	.8	3.1	.5	.5														19	19	33	46
46/ 45	.3	2.6	1.8															18	18	19	44
44/ 43	1.3	2.1	.3															14	14	24	38
42/ 41	.8	1.8																10	10	13	23
40/ 39	1.0	1.6																10	10	11	22
38/ 37	.3																	1	1	6	9
36/ 35																					12
34/ 33																					2
32/ 31																					2
30/ 29																					1
28/ 27																					1
TOTAL	6.6	31.2	13.0	12.5	16.9	9.6	2.6	2.3	1.6	1.6	.8	.5	.5					384	384	384	384

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2195513	28127	73.2	18.794	384
Dry Bulb	1274383	21859	56.9	8.860	384
Wet Bulb	1036226	19832	51.6	5.594	384
Dew Point	869684	18150	47.3	5.553	384

Mean No. of Hours with Temperature

Element (X)	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.			86.3	33.8	3.8		720.0
Dry Bulb							720.0
Wet Bulb		7.5					720.0
Dew Point							720.0

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05 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
MAY — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
82/ 81											.6							2	2		
80/ 79										.3								1	1		
78/ 77								.3										1	1		
76/ 75							.3	.3	.6									4	4		
74/ 73						.3		.6	.6									5	5		
72/ 71					.3	.8		.3										5	5		
70/ 69					2.0	3.6	.3											21	21		
68/ 67				2.0	3.9	2.2												29	29		
66/ 65		.3	.3	5.3	6.7	1.7	.3											52	52	2	
64/ 63		.3	1.4	5.9	2.8	1.1	.3											42	42	6	1
62/ 61		.6	4.8	2.2	1.4	.3												34	34	35	
60/ 59		2.8	6.7	3.4		.3												47	47	70	9
58/ 57	.6	9.8	3.6	2.0														57	57	85	40
56/ 55	.8	2.8	1.7	.3														20	20	74	95
54/ 53	1.1	2.6	1.1															18	18	39	77
52/ 51	.6	1.1	.6	.3														9	9	24	49
50/ 49		.3																1	1	10	44
48/ 47		1.1																4	4	2	17
46/ 45	.2	.3	.3															3	3	6	14
44/ 43		.3																1	1	1	5
42/ 41		.2																1	1	2	1
40/ 39																				1	5
TOTAL	3.4	23.0	20.4	21.3	17.1	10.4	1.1	1.4	1.1	.3	.6								357		357
																		357		357	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2046168	26564	74.4	13.979	357							
Dry Bulb	1369931	22007	61.6	6.118	357			141.7	27.1	6.3		744.0
Wet Bulb	1145565	20177	56.5	3.820	357							744.0
Dew Point	1005068	18892	52.9	3.868	357							744.0

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5 PSYCHROMETRIC SUMMA JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION | CAMP PENDLETON, CALIFORNIA — STATION NAME | 73-75 — YEARS | JUN — MONTH

PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.4	1	1		
98/ 97																.4	.4	2	2		
96/ 95															.4			1	1		
94/ 93															.7			2	2		
92/ 91													.4					1	1		
88/ 87									.4		.4	.4						3	3		
86/ 85									.4	1.4								5	5		
84/ 83									.4	.4	.4							3	3		
82/ 81							.4	.4										2	2		
80/ 79						.4		.4	.4									3	3		
78/ 77					.4	.7	2.5		.7									12	12		
76/ 75					.7	2.2	1.8	1.1										16	16		
74/ 73				.4	1.4	3.6	1.1	.4										19	19	1	
72/ 71				1.8	5.0	2.2	.4	.4										27	27	2	
70/ 69				2.2	3.6	1.4	.7											22	22	2	
68/ 67				2.2	2.9	1.8												19	19	21	2
66/ 65		.4	.4	5.0	2.2													22	22	32	3
64/ 63	.4	1.8	4.3	2.9	1.1													29	29	38	6
62/ 61	1.1	4.7	6.5		.4													35	35	43	32
60/ 59	2.2	3.2	1.4	1.1		.4												23	23	64	46
58/ 57	1.8	3.2	1.1	.4														18	18	44	69
56/ 55	1.1	.7		.4														6	6	17	54
54/ 53	.7	1.1																5	5	7	29
52/ 51	.4	.7																3	3	6	22
50/ 49																				2	7
48/ 47																					3
46/ 45																					2
44/ 43																					2
42/ 41																					1
32/ 31																					1
TOTAL	7.5	15.8	13.6	15.1	17.6	12.5	6.8	2.5	2.2	1.8	.7	.4	.4		1.1	.4	.7	279	279		279
																				279	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1487069	19737	70.7	18.073	279
Dry Bulb	1299815	18887	67.7	8.743	279
Wet Bulb	1037649	16977	60.8	4.071	279
Dew Point	898238	15788	56.6	4.168	279

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			356.1	180.6	54.2	15.5	720.0
Dry Bulb			67.1	2.6			720.0
Wet Bulb		2.6	5.2				720.0
Dew Point							720.0

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
JUL — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.3	.6	.6		.6							1	1		
84/ 83						.3	.6	.3	1.4									9	9		
82/ 81			.3				1.7	1.4	.6									14	14		
80/ 79					.3	1.4	.9	.3	.3									11	11	1	
78/ 77				.3	1.1	2.3	2.3											21	21		1
76/ 75				.6	1.1	5.1	1.4											29	29		
74/ 73				1.7	5.1	8.0												52	52	2	
72/ 71			.3	2.3	5.7	2.0	.3											37	37	10	
70/ 69			.6	2.0	2.3													17	17	20	2
68/ 67		.6	2.3	1.7	.6													18	18	39	7
66/ 65		1.7	6.0	.6														29	29	69	20
64/ 63	.6	8.8	8.2	.3														63	63	70	28
62/ 61	.9	4.3	.9		.3													22	22	82	94
60/ 59	.9	2.6	.6															14	14	38	108
58/ 57	.6	1.1																6	6	15	64
56/ 55		.3	.3															2	2	4	21
54/ 53	.3																	1	1	2	5
52/ 51																					1
50/ 49																					1
TOTAL	3.1	19.3	19.3	9.4	16.5	19.0	7.4	2.6	2.8		.6							352	352		352
																		352		352	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1930608	23574	72.7	14.378	352
Dry Bulb	1742079	24643	70.0	6.930	352
Wet Bulb	1432989	22423	63.7	3.622	352
Dew Point	1279518	21196	60.2	3.010	352

Mean No. of Hours with Temperature

Element (X)	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb			454.4	302.2	71.9		744.0
Wet Bulb			152.2	6.3			744.0
Dew Point			21.1	2.1			744.0

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PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION | CAMP PENDLETON, CALIFORNIA — STATION NAME | 73-75 — YEARS | AUG — MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
86/ 85												.3						1	1		
82/ 81						.3		.3										2	2		
80/ 79						2.2	1.6	.3	.3									14	14		
78/ 77				.3	1.6	3.4	1.6	2.2	.3									30	30		
76/ 75				2.2	2.2	5.9	3.4	.6										46	46		
74/ 73				1.9	5.0	7.5	.9	.3										50	50	1	
72/ 71			.6	2.5	3.1	.6												22	22	1	1
70/ 69		.3	1.3	1.3	.6													11	11	24	
68/ 67		3.4	5.0	.9														30	30	40	6
66/ 65		2.8	6.6	.6														32	32	70	29
64/ 63		7.2	2.2	.6														32	32	81	41
62/ 61	.3	5.6	.6															21	21	52	78
60/ 59	.3	3.1																11	11	21	81
58/ 57	.3	1.9																7	7	17	44
56/ 55	.6	1.3																6	6	5	24
54/ 53	.3	.3	.6															4	4	4	9
52/ 51		.3																1	1	4	2
50/ 49																					5
TOTAL	1.9	26.3	16.9	10.3	12.5	20.0	7.5	3.8	.6			.3						320	320		320
																		320		320	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1828851	23717	74.1	14.924	320			479.0	332.5	18.6		744.0
Dry Bulb	1563360	22266	69.6	6.641	320			193.5	2.3			744.0
Wet Bulb	1301062	20371	63.7	3.654	320			16.3				744.0
Dew Point	1167330	19296	60.3	3.442	320							744.0

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05 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
SEP — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.3	1	1		
100/ 99																	1.0	3	3		
96/ 95																	1.0	3	3		
94/ 93										.3					.3		.7	4	4		
92/ 91								.3	.3					.3			.3	4	4		
88/ 87							.3	.3	.3				.3					4	4		
86/ 85								.3	.3	.3			.3					4	4		
84/ 83						.7		.7				.3						5	5		
82/ 81						1.0	.3	1.0										7	7		
80/ 79					.3	1.0	1.4											8	8		
78/ 77					.3	2.1	1.7											12	12	1	
76/ 75				.3	1.7	2.8	.7											16	16	4	
74/ 73				.3	1.4	3.8	.3											17	17	5	
72/ 71				1.7	4.5	3.1												27	27	4	2
70/ 69			.7	2.8	3.8			.3										22	22	11	4
68/ 67		.3	1.7	4.2	.7	.3												21	21	22	7
66/ 65		2.1	5.9	2.8	.7													33	33	35	9
64/ 63		5.6	3.8	.7				.3										30	30	60	20
62/ 61	.3	5.9	2.4	.3		.3	.3											28	28	64	50
60/ 59	1.0	3.5	1.0		.3													17	17	36	74
58/ 57	.3	2.8	.3			.3												11	11	19	54
56/ 55		.3	.3			.3												3	3	11	26
54/ 53	.3	1.0																4	4	5	7
52/ 51	.3	.7																3	3	5	8
50/ 49																				4	5
48/ 47																					1
46/ 45																				1	4
44/ 43																					1
42/ 41																					4
40/ 39																					3
38/ 37																					1
36/ 35																					5
34/ 33																					1
26/ 25																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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5-5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION | CAMP PENDLETON, CALIFORNIA — STATION NAME | 73-75 — YEARS | SEP — MONTH

PAGE 2 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.4	22.3	16.4	13.2	13.9	16.0	5.2	3.5	1.0	.7		.3	.7	.3	.3		3.5	287	287	287	287

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1345057	20331	70.8	19.143	287							
Dry Bulb	1416236	19976	69.6	9.507	287			396.4	220.8	92.8	27.6	720.0
Wet Bulb	1126486	17928	62.5	4.796	287			117.9	25.1			720.0
Dew Point	977799	16649	58.0	6.472	287		2.5	32.6	2.5			720.0

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NAVAIR 0505 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
OCT — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																.3		1	1		
96/ 95																	.6	2	2		
94/ 93													.3		.6	.3		4	4		
92/ 91														.3				1	1		
90/ 89											.6			.3			.3	4	4		
88/ 87									.3			.3						2	2		
86/ 85								.3				.3	.3	.3	.3	.3		6	6		
84/ 83								.3	.3		.3		.3			.3		5	5		
82/ 81										.9			.3					4	4		
80/ 79				.3		.3	.3					.3	.6					6	6		
78/ 77					.3		.3	.3	.6		.3			.3				7	7		
76/ 75					.3		1.3	.9										8	8		
74/ 73					.3	1.3	1.9	.3	.3	.3								14	14	2	
72/ 71				.9	1.6	1.9	.9	.3			.3		.3					20	20	1	1
70/ 69			.3	1.9	2.5	4.1	1.6											33	33	6	
68/ 67			.6	5.3	2.8	1.6		.3		.3								35	35	4	
66/ 65		.3	1.3	2.8	1.9													20	20	13	3
64/ 63		.6	.6	1.9	.9	.3												14	14	34	4
62/ 61		2.3	2.8	2.3	.9													28	28	60	13
60/ 59		1.6	2.2	.3														13	13	44	25
58/ 57	.3	1.9	1.3			.3			.3									13	13	36	46
56/ 55	.3	1.3	.6		.3													8	8	29	44
54/ 53	.9	1.9	.9	.6	.3		.3											16	16	15	43
52/ 51	.9	.9	.3	.3			.3											9	9	14	35
50/ 49	1.3	2.8	.3		.3													15	15	13	20
48/ 47	.3	2.8	.3			.3												12	12	15	15
46/ 45	.9	2.3	.3		.3													13	13	16	18
44/ 43		.3	.3															2	2	7	13
42/ 41		.3		.3														2	2	4	11
40/ 39				.3														1	1	1	6
38/ 37																				2	1
36/ 35																				2	3
34/ 33																					2
32/ 31																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | OCT (MONTH)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					3
26/ 25																					3
24/ 23																					2
22/ 21																					1
20/ 19																					2
18/ 17																					1
16/ 15																					1
10/ 9																					1
TOTAL	5.0	19.8	12.3	17.6	12.9	10.1	6.9	2.8	1.9	1.6	1.6	.9	2.2	1.3	.9	1.3	.9	318	318	318	318

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1396685	21409	67.3	22.137	318							
Dry Bulb	1378305	20611	64.8	11.567	318			355.6	149.7	72.5	16.4	744.0
Wet Bulb	1054079	18175	57.2	6.948	318			30.4	4.7			744.0
Dew Point	864017	16333	51.4	8.903	318		35.1	2.3				744.0

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0505 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
NOV — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
90/ 89													.4					1	1		
88/ 87											.4	.4	.4					3	3		
86/ 85															.4		.4	2	2		
84/ 83										.4	.4		.4		.4			4	4		
82/ 81										.4								1	1		
80/ 79												1.1	.8	.4				6	6		
78/ 77											.8			.4				3	3		
76/ 75				.4			.4		.4		.4							4	4		
74/ 73					.4	.4	.4	.4	.8	.8	1.5		.4					13	13		
72/ 71					.4	.8	1.1	.4	.4									8	8		
70/ 69					1.1	.8	.4	1.1		.8								11	11	1	
68/ 67				.8	1.1	1.1	1.9	.4	.4	.8								17	17	2	1
66/ 65				.8	4.1	1.9	.8	1.1										23	23	4	
64/ 63				2.6	2.3	.8	.4	.4										17	17	6	
62/ 61		.4	3.4	3.0	2.8	.4	.8	.4	.4									30	30	11	1
60/ 59		.8	2.6	.8	.8	.4	1.5											18	18	17	6
58/ 57		1.5	2.8	.4	1.9	.4												18	18	45	5
56/ 55	.8	.8	.8		.8													8	8	48	18
54/ 53	.4	.8	.8	.4														6	6	22	36
52/ 51	.8	.8				.4												5	5	17	29
50/ 49	1.1	.8		.4														6	6	21	27
48/ 47		1.5	.8	.4														7	7	11	12
46/ 45	1.1	4.1	1.5	.4														19	19	9	18
44/ 43	1.9	2.3		.4														12	12	17	24
42/ 41	.8	4.1																13	13	15	20
40/ 39	.4	.4																2	2	11	25
38/ 37	1.1	.8																5	5	4	11
36/ 35	.4																	1	1	2	12
34/ 33	.4																	1	1	1	6
32/ 31		.8																2	2		5
30/ 29																				2	2
28/ 27																					1
26/ 25																					2
24/ 23																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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5525 PSYCHROMETRIC SUMMA JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
NOV — MONTH
PAGE 2 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					1
16/ 15																					1
TOTAL	9.0	19.5	12.4	10.5	15.4	7.1	7.5	4.1	2.3	3.0	3.4	1.5	2.3	.8	.8		.4	266	266	266	266

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1312082	17583	66.1	23.777	266							
Dry Bulb	989193	13903	52.3	12.040	266		5.4	197.6	100.2	43.3		720.0
Wet Bulb	743067	13923	52.3	7.347	266		5.4	8.1				720.0
Dew Point	579926	12224	46.0	8.261	266		40.6	2.7				720.0

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-75 — YEARS
DEC — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81											.4							1	1		
80/ 79									.4			.8		.8				5	5		
78/ 77											.4	.4						2	2		
76/ 75								.4		.4	.4	.4						4	4		
74/ 73											.8							2	2		
72/ 71						.4		.4	.4		.8	.4						6	6		
70/ 69								.4	2.3									7	7		
68/ 67					.4		.4	1.1	.4	1.5								10	10		
66/ 65					.4	1.5	.4	1.1	1.9	.4								15	15		
64/ 63		.4	.4	.4	1.9	1.9		2.3										19	19	2	
62/ 61				2.3	1.1	1.9		.4										15	15	3	1
60/ 59		1.1	1.5	1.9	.8	.4	.4		.4									17	17	3	
58/ 57		1.1	2.7	2.3	.8	.4												19	19	17	4
56/ 55		1.5	1.9	.4	1.1	.4	.4		.8									17	17	31	7
54/ 53		1.5	1.9	.8	.8	.4	.4	.4	.4									17	17	32	11
52/ 51	1.5	1.1	.4	.8				.8										12	12	36	25
50/ 49	.8	3.8	1.1	.8	1.5													21	21	25	19
48/ 47	2.3	1.5																10	10	26	28
46/ 45	.8	1.5	.4	.4														8	8	14	19
44/ 43	.8	1.1	.4	.8			.4											9	9	9	20
42/ 41	.4	1.1	1.1															7	7	8	14
40/ 39	.8	1.9	.8	.4														10	10	15	19
38/ 37	.4	2.7	.4															9	9	11	13
36/ 35	.8	.8	1.1															7	7	10	19
34/ 33	1.1	2.3	.4															10	10	10	15
32/ 31	.4	.4																2	2	8	21
30/ 29																				1	7
28/ 27		.4																1	1		6
26/ 25																				1	5
24/ 23																					1
22/ 21																					1
16/ 15																					3
10/ 9																					3
8/ 7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03134 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | 73-75 (YEARS) | DEC (MONTH)

PAGE 2

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.9	24.4	14.3	11.1	8.8	7.3	2.3	7.3	6.9	2.3	2.7	1.9		.8				262	262	262	262

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1323988	17456	66.6	24.833	262
Dry Bulb	819818	14338	54.7	11.607	262
Wet Bulb	622078	12602	48.1	7.812	262
Dew Point	471588	10832	41.3	9.540	262

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.		8.5	105.1	39.8	11.4		744.0
Dry Bulb		28.4					744.0
Wet Bulb		136.3					744.0
Dew Point							

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0295 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-76 — YEARS
ALL — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	1	1		
104/103																	.0	1	1		
100/ 99																	.1	3	3		
98/ 97																.1	.0	3	3		
96/ 95															.0		.1	6	6		
94/ 93										.0			.0		.1	.0	.1	10	10		
92/ 91								.0	.0				.0	.1			.0	7	7		
90/ 89											.1		.0	.0			.0	5	5		
88/ 87							.0	.0	.1		.1	.1	.1			.1		14	14		
86/ 85							.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	26	26		
84/ 83						.1	.1	.1	.2	.1	.1	.0	.1	.0	.1	.0		30	30		
82/ 81			.0			.1	.2	.3	.1	.1	.1	.0	.1	.1				40	40		
80/ 79				.0	.1	.4	.3	.1	.1	.1	.1	.3	.2	.1				69	69	1	
78/ 77				.1	.3	.7	.7	.2	.2	.1	.1	.1	.0	.1				99	99	1	1
76/ 75				.3	.5	1.3	.7	.3	.1	.1	.2	.1	.1					147	147	4	
74/ 73				.4	1.1	2.0	.4	.3	.2	.2	.2	.0	.1					192	192	11	
72/ 71			.1	.7	1.6	1.0	.3	.4	.2	.1	.1	.1	.0					180	180	19	4
70/ 69		.0	.2	.8	1.4	.9	.5	.2	.4	.2								180	180	64	7
68/ 67		.4	.9	1.4	1.2	.9	.5	.3	.2	.3	.0							234	234	129	23
66/ 65		.6	1.7	1.7	1.9	.6	.6	.4	.2	.1								308	308	230	64
64/ 63	.1	2.0	1.9	1.8	1.7	.8	.2	.3	.1									349	345	306	102
62/ 61	.2	1.9	2.1	1.8	1.5	.8	.3	.2	.1									350	350	377	274
60/ 59	.3	1.6	2.0	1.9	.8	.4	.3	.0	.1									292	292	352	351
58/ 57	.5	2.4	1.8	1.1	.5	.4	.1	.1	.1									275	275	414	353
56/ 55	.3	1.9	1.4	.8	.5	.2	.2		.1									213	213	418	333
54/ 53	.4	1.8	1.0	.3	.2	.1	.1	.0	.0									157	157	360	336
52/ 51	.6	1.4	.6	.3	.1	.1	.1	.1										131	131	297	339
50/ 49	.5	2.0	.3	.2	.2	.1	.0											132	132	232	342
48/ 47	.3	1.3	.2	.2	.1	.0												87	87	177	253
46/ 45	.4	1.3	.3	.1	.0													91	91	117	218
44/ 43	.3	.9	.1	.1			.0											63	63	111	183
42/ 41	.4	1.0	.2	.0														63	63	74	148
40/ 39	.6	.7	.1	.2	.1													62	62	82	152
38/ 37	.3	.5	.1															33	33	47	80

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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5-5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-76 YEARS | ALL MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35	.3	.5	.2															36	36	39	98
34/ 33	.1	.3	.1	.0														20	20	33	59
32/ 31	.1	.3	.0															18	18	21	68
30/ 29	.0		.1	.0														4	4	12	36
28/ 27		.0	.0															2	2		38
26/ 25			.0															1	1	4	26
24/ 23																				1	14
22/ 21																				1	3
20/ 19																					10
18/ 17																					4
16/ 15																					6
14/ 13																					1
10/ 9																					4
8/ 7																					1
6/ 5																					1
TOTAL	6.1	22.8	15.5	14.2	13.6	11.2	5.8	3.2	2.4	1.4	1.1	.8	.7	.4	.3	.2	.4		3934		3934
																		3934		3934	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21039121	278625	70.3	20.092	3934							
Dry Bulb	19479439	242753	61.7	11.230	3934		53.9	2874.4	1510.8	416.3	59.5	8760.0
Wet Bulb	12321143	217767	55.4	8.233	3934		87.8	533.2	41.0			8760.0
Dew Point	10349895	198282	50.4	9.513	3934		479.8	82.2	4.6			8760.0

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NAVAIR 2097-54321

0105 PSYCHROMETRIC SUMMARY JAN 68

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	44.5	39.3	48.5	48.6	56.4	59.8	61.6	62.4	59.4	51.9	47.1	43.2	52.0
	S. D.	6.703	11.701	5.221	4.973	4.161	3.059	2.660	4.032	4.288	5.266	5.379	5.791	8.941
	TOTAL OBS	22	18	33	37	31	18	23	23	17	21	16	17	276
04	MEAN	43.0	38.8	46.4	46.7	55.6	58.3	62.1	62.6	59.6	50.0	45.3	41.1	50.8
	S. D.	7.382	6.787	5.661	5.615	4.990	3.757	2.234	4.043	3.809	6.211	6.789	6.787	9.422
	TOTAL OBS	21	18	33	39	31	18	23	23	17	20	16	17	276
07	MEAN	39.5	40.6	46.7	49.3	56.1	60.2	64.1	63.2	62.5	54.3	44.6	40.1	53.4
	S. D.	7.870	6.601	5.839	4.584	3.556	3.233	3.316	4.120	3.017	6.443	6.270	6.786	10.149
	TOTAL OBS	44	39	55	59	66	59	67	66	60	58	40	36	649
10	MEAN	57.1	57.9	59.3	62.8	64.9	70.5	74.7	73.4	74.9	71.0	64.8	56.9	65.2
	S. D.	6.798	5.004	4.713	5.445	4.436	8.081	4.794	3.126	9.146	7.772	7.346	7.059	9.184
	TOTAL OBS	84	78	86	65	68	62	67	64	60	63	60	60	817
13	MEAN	65.6	64.6	63.4	65.4	67.3	73.9	76.6	76.5	77.1	74.9	70.3	65.7	69.7
	S. D.	9.596	6.361	6.948	5.612	3.986	8.417	4.085	2.070	7.826	8.230	7.179	6.862	8.507
	TOTAL OBS	84	78	85	65	65	61	67	63	57	62	56	55	798
16	MEAN	63.0	62.3	61.8	63.0	65.1	71.0	73.8	74.3	73.2	70.8	66.2	62.1	66.7
	S. D.	8.363	5.147	6.367	5.267	3.573	6.415	3.846	2.268	7.208	7.369	6.995	6.085	7.669
	TOTAL OBS	82	78	84	64	64	61	65	47	52	62	54	54	767
19	MEAN	52.5	52.5	53.5	56.9	59.4		65.5	66.5	65.3	61.4	54.1	49.2	58.3
	S. D.	4.733	5.083	2.345	3.826	1.710		2.373	2.348	6.107	4.395	3.655	1.779	6.596
	TOTAL OBS	16	15	14	27	19		20	17	12	16	12	11	179
22	MEAN	47.8	45.5	47.8	50.9	57.4		62.9	63.1	60.6	55.0	49.7	44.7	53.6
	S. D.	6.159	4.984	3.371	3.715	2.534		1.683	2.713	3.204	3.445	5.852	3.447	7.556
	TOTAL OBS	16	15	11	28	13		20	17	12	16	12	12	172
ALL HOURS	MEAN	56.1	55.7	56.5	56.9	61.6	67.7	70.0	69.6	69.6	64.8	59.8	54.7	61.7
	S. D.	12.146	11.294	8.949	8.861	6.118	8.744	6.931	6.641	9.507	11.567	12.041	11.608	11.268
	TOTAL OBS	368	339	401	384	357	279	352	320	287	318	266	262	3934

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03154 — STATION
CAMP PENDLETON, CALIFORNIA — STATION NAME
73-76 — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	43.0	38.9	47.8	47.3	54.3	58.1	59.6	60.7	57.1	49.6	45.5	41.8	50.5
	S. D.	6.715	5.879	5.062	4.841	3.690	3.708	2.019	3.509	3.569	5.325	5.441	6.250	8.192
	TOTAL OBS	22	17	33	37	31	18	23	23	17	21	16	17	275
04	MEAN	41.2	36.7	45.5	45.6	53.5	57.0	60.1	60.8	56.9	48.3	43.8	39.8	49.2
	S. D.	7.236	6.551	5.472	5.422	4.661	3.971	1.766	3.563	4.220	5.902	5.927	7.144	9.153
	TOTAL OBS	21	18	33	39	31	18	23	23	17	20	16	17	276
07	MEAN	37.6	38.9	45.4	47.2	53.6	57.6	61.2	60.8	59.6	51.1	43.4	38.2	51.1
	S. D.	8.004	6.722	5.786	4.348	3.433	2.533	2.856	3.620	3.684	6.581	6.319	7.121	9.756
	TOTAL OBS	44	39	55	59	66	59	67	66	60	58	40	36	649
10	MEAN	49.0	51.7	52.9	54.8	58.1	62.3	65.9	65.3	64.8	60.8	54.8	48.9	57.0
	S. D.	4.592	3.522	3.719	3.142	2.705	3.715	3.283	2.304	3.802	4.186	4.304	4.472	7.073
	TOTAL OBS	84	78	86	65	68	62	67	64	60	63	60	60	817
13	MEAN	54.0	55.2	55.1	56.4	59.2	63.2	66.4	66.3	66.1	62.1	58.0	54.5	59.4
	S. D.	5.290	3.486	4.020	3.417	2.559	3.602	2.431	2.280	3.530	3.566	4.321	4.073	5.960
	TOTAL OBS	84	78	85	65	65	61	67	63	57	62	56	55	798
16	MEAN	53.2	54.3	54.2	54.9	58.3	62.0	65.3	65.8	64.4	61.2	56.4	53.4	58.1
	S. D.	4.668	3.126	3.642	3.067	2.417	2.963	2.528	1.955	2.966	3.108	3.540	4.006	5.647
	TOTAL OBS	82	78	84	64	64	61	65	47	52	62	54	54	767
19	MEAN	49.0	46.8	49.5	52.1	55.6		62.3	63.1	60.0	56.4	51.0	46.5	54.2
	S. D.	4.382	4.555	2.955	3.063	2.166		1.713	1.867	1.128	3.245	3.977	3.174	6.368
	TOTAL OBS	16	15	14	27	19		20	17	12	16	12	11	179
22	MEAN	46.1	43.1	46.0	48.8	54.5		60.7	61.2	57.6	51.9	47.6	43.3	51.3
	S. D.	6.093	5.915	3.066	3.945	2.696		1.626	2.580	3.450	4.041	5.551	4.093	7.494
	TOTAL OBS	16	15	11	28	13		20	17	12	16	12	12	172
ALL HOURS	MEAN	48.8	49.6	51.3	51.6	56.5	60.8	63.7	63.7	62.5	57.2	52.3	48.1	55.4
	S. D.	7.876	7.905	5.767	5.594	3.821	4.071	3.622	3.654	4.796	6.948	7.348	7.813	8.231
	TOTAL OBS	369	338	401	384	357	279	352	320	287	318	266	262	3933

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	41.0	35.4	47.1	46.0	52.7	56.8	58.4	59.7	55.6	47.2	43.9	39.9	48.9
	S. D.	7.813	7.730	5.138	5.044	3.797	5.253	1.971	3.419	3.656	7.739	6.266	7.327	8.935
	TOTAL OBS	22	17	33	37	31	18	23	23	17	21	16	17	275
04	MEAN	39.0	33.4	44.8	44.5	51.9	55.9	58.9	59.7	54.9	46.6	42.1	38.1	47.7
	S. D.	8.559	9.313	5.437	5.633	4.905	4.808	1.952	3.493	6.046	6.824	6.510	8.303	9.858
	TOTAL OBS	21	18	39	39	31	18	23	23	17	20	16	17	276
07	MEAN	34.6	36.5	44.1	45.2	51.7	55.9	59.5	59.3	57.4	47.8	41.9	35.2	49.0
	S. D.	10.064	8.448	6.156	4.957	4.061	3.170	3.072	3.655	5.875	9.169	6.998	9.459	10.674
	TOTAL OBS	44	39	55	59	66	59	67	66	60	58	40	36	649
10	MEAN	40.4	45.9	47.4	48.4	53.4	57.4	61.2	60.7	58.6	53.4	46.1	40.1	50.7
	S. D.	8.668	7.139	5.990	4.844	3.617	3.818	2.602	3.389	7.581	9.337	8.085	9.366	9.733
	TOTAL OBS	84	78	86	65	68	62	67	64	60	63	60	60	817
13	MEAN	43.2	47.2	48.2	49.4	53.7	56.6	60.9	60.6	59.5	53.0	48.1	44.2	51.7
	S. D.	9.623	7.815	6.206	5.127	3.775	5.533	2.899	3.820	7.344	8.794	9.238	9.748	9.223
	TOTAL OBS	84	78	85	65	65	61	67	63	57	62	56	55	798
16	MEAN	44.2	47.4	47.9	48.3	53.6	56.6	60.6	61.1	59.2	54.3	47.9	45.0	51.6
	S. D.	7.710	7.175	5.307	5.632	3.480	3.095	3.009	3.099	5.407	7.844	9.003	9.427	8.492
	TOTAL OBS	82	78	84	64	64	61	65	47	52	62	54	54	767
19	MEAN	45.3	40.1	45.9	47.6	52.8		60.3	61.2	56.8	52.3	48.3	43.3	50.7
	S. D.	7.912	9.083	4.818	6.919	3.120		1.780	2.069	3.520	7.674	5.332	6.231	8.667
	TOTAL OBS	16	15	14	27	19		20	17	12	16	12	11	179
22	MEAN	44.1	40.0	44.1	46.8	52.2		59.3	59.9	55.3	48.9	45.7	41.5	49.3
	S. D.	8.338	8.693	3.646	5.252	3.539		1.867	2.585	6.811	7.802	5.975	5.760	8.735
	TOTAL OBS	16	15	11	28	13		20	17	12	16	12	12	172
ALL HOURS	MEAN	41.5	43.8	46.8	47.3	52.9	56.6	60.2	60.3	58.0	51.4	46.0	41.3	50.4
	S. D.	9.228	9.085	5.881	5.554	3.868	4.168	3.011	3.443	6.473	8.903	8.281	9.540	9.513
	TOTAL OBS	368	338	401	384	357	279	352	320	287	318	266	262	3933

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	100.0	100.0	100.0	95.5	95.5	90.9	86.4	63.6	88.6	22
	04	100.0	100.0	100.0	95.2	95.2	95.2	85.7	85.7	57.1	87.2	21
	07	100.0	100.0	100.0	97.7	93.2	86.4	77.3	70.5	59.1	84.3	44
	10	100.0	97.6	86.9	72.6	57.1	47.6	32.1	23.8	2.4	57.9	84
	13	98.8	88.1	78.6	64.3	48.8	33.3	22.6	7.1	2.4	49.6	84
	16	100.0	96.3	85.4	69.5	54.9	43.9	28.0	6.1	3.7	54.4	82
	19	100.0	100.0	93.8	87.5	87.5	87.5	81.3	62.5	37.5	79.4	16
	22	100.0	100.0	93.8	93.8	93.8	93.8	93.8	87.5	81.3	89.4	16
TOTALS		99.9	97.8	92.3	85.1	78.3	72.9	64.0	53.7	38.4	73.9	369

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	100.0	100.0	94.1	94.1	88.2	76.5	58.8	47.1	80.9	17
	04	100.0	100.0	100.0	94.4	88.9	83.3	83.3	72.2	38.9	83.2	18
	07	100.0	100.0	97.4	97.4	97.4	94.9	87.2	84.6	56.4	87.2	39
	10	100.0	98.7	97.4	87.2	80.8	70.5	52.6	25.6	5.1	67.1	78
	13	100.0	97.4	85.9	79.5	65.4	51.3	29.5	10.3	3.8	57.5	78
	16	100.0	97.4	89.7	88.5	71.8	57.7	35.9	10.3		61.2	78
	19	100.0	100.0	86.7	86.7	80.0	66.7	40.0	33.3	6.7	66.1	15
	22	100.0	100.0	100.0	100.0	93.3	86.7	86.7	60.0	33.3	81.7	15
TOTALS		100.0	99.2	94.6	91.0	84.0	74.9	61.5	44.4	23.9	73.1	338

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

03154 STATION | CAMP PENDLETON, CALIFORNIA STATION NAME | 73-76 PERIOD | MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.9	95.4	33
	04	100.0	100.0	100.0	100.0	100.0	100.0	97.0	97.0	84.8	94.5	33
	07	100.0	100.0	100.0	100.0	100.0	100.0	94.5	90.9	74.5	91.0	55
	10	100.0	100.0	98.8	95.3	83.7	67.4	39.5	16.3	4.7	66.3	86
	13	100.0	98.8	94.1	87.1	71.8	55.3	28.2	11.8	2.4	60.5	85
	16	100.0	100.0	96.4	90.5	76.2	54.8	38.1	10.7	2.4	62.8	84
	19	100.0	100.0	92.9	92.9	85.7	85.7	64.3	28.6		71.9	14
	22	100.0	100.0	100.0	100.0	100.0	100.0	90.9	72.7	54.5	87.6	11
TOTALS		100.0	99.9	97.8	95.7	89.7	82.9	69.1	53.5	39.7	78.8	401

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

2

03154 CAMP PENDLETON, CALIFORNIA 73-75 APR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.2	62.2	90.8	37
	04	100.0	100.0	100.0	100.0	100.0	97.4	97.4	94.9	71.8	92.5	39
	07	100.0	100.0	100.0	100.0	98.3	96.6	93.2	83.1	40.7	86.5	59
	10	100.0	98.5	98.5	90.8	78.5	55.4	24.6	6.2		61.0	65
	13	100.0	98.5	96.9	89.2	75.4	52.3	7.7			57.9	65
	16	100.0	100.0	92.2	90.6	81.3	56.3	31.3	6.3	1.6	61.1	64
	19	100.0	100.0	96.3	92.6	85.2	77.8	70.4	55.6	7.4	73.9	27
	22	100.0	100.0	100.0	100.0	96.4	96.4	92.9	75.0	53.6	86.6	28
TOTALS		100.0	99.6	98.0	95.4	89.4	79.0	64.7	51.3	29.7	76.3	384

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RELATIVE HUMIDITY

03154 CAMP PENDLETON, CALIFORNIA 73-75 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	100.0	100.0	100.0	96.8	80.6	41.9	87.7	31
	04	100.0	100.0	100.0	100.0	100.0	100.0	96.8	80.6	38.7	87.5	31
	07	100.0	100.0	100.0	100.0	100.0	100.0	92.4	78.8	22.7	85.4	66
	10	100.0	100.0	100.0	97.1	94.1	69.1	33.8	16.2		67.1	68
	13	100.0	100.0	100.0	98.5	89.2	58.5	23.1	1.5		62.5	65
	16	100.0	100.0	100.0	96.9	93.8	84.4	31.3	4.7		67.0	64
	19	100.0	100.0	100.0	100.0	100.0	100.0	84.2	42.1	10.5	79.0	19
	22	100.0	100.0	100.0	100.0	100.0	100.0	92.3	69.2	15.4	83.0	13
TOTALS		100.0	100.0	100.0	99.1	97.1	89.0	68.8	46.7	16.2	77.4	357

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RELATIVE HUMIDITY

03154 CAMP PENDLETON, CALIFORNIA 73-75 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	100.0	100.0	100.0	100.0	94.4	88.9	88.9	66.7	90.9	18
	04	100.0	100.0	100.0	100.0	100.0	100.0	94.4	94.4	61.1	92.3	18
	07	100.0	100.0	100.0	100.0	98.3	98.3	94.9	76.3	27.1	86.1	59
	10	100.0	96.8	96.8	91.9	88.7	71.0	40.3	14.5	1.6	65.6	62
	13	98.4	96.7	93.4	90.2	82.0	49.2	14.8			57.7	61
	16	100.0	100.0	98.4	93.4	82.0	67.2	24.6	1.6		61.8	61
	19											
	22											
TOTALS		99.7	98.9	98.1	95.9	91.8	80.0	59.7	46.0	26.1	75.7	279

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.0	30.4	89.3	23
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.3	30.4	89.4	23
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.5	71.6	14.9	85.0	67
	10	100.0	100.0	100.0	100.0	94.0	62.7	23.9	4.5		63.7	67
	13	100.0	100.0	100.0	98.5	85.1	46.3	6.0			58.8	67
	16	100.0	100.0	100.0	98.5	95.4	81.5	15.4			63.8	65
	19	100.0	100.0	100.0	100.0	100.0	100.0	95.0	75.0		83.4	20
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	20.0	87.9	20
TOTALS		100.0	100.0	100.0	99.6	96.8	86.3	67.4	53.1	12.0	77.7	352

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	39.1	90.6	23
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	39.1	90.1	23
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.5	84.8	27.3	87.3	66
	10	100.0	100.0	100.0	100.0	93.8	68.8	28.1	3.1		65.1	64
	13	100.0	100.0	98.4	98.4	87.3	38.1	4.8			58.7	63
	16	100.0	100.0	100.0	100.0	93.6	68.1	23.4	2.1		63.9	47
	19	100.0	100.0	100.0	100.0	100.0	100.0	94.1	70.6	5.9	83.2	17
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	29.4	89.3	17
TOTALS		100.0	100.0	99.8	99.8	96.8	84.4	68.6	56.5	17.6	78.5	320

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RELATIVE HUMIDITY

03154 CAMP PENDLETON, CALIFORNIA 73-75 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEp	01	100.0	100.0	100.0	100.0	100.0	100.0	94.1	88.2	23.5	87.2	17
	04	100.0	100.0	100.0	100.0	94.1	94.1	94.1	76.5	29.4	85.3	17
	07	100.0	100.0	100.0	96.7	95.0	91.7	88.3	76.7	35.0	84.7	60
	10	100.0	91.7	88.3	88.3	86.7	66.7	31.7	10.0	1.7	62.0	60
	13	98.2	93.0	93.0	91.2	82.5	49.1	17.5	1.8		58.2	57
	16	100.0	96.2	94.2	94.2	90.4	76.9	34.6	3.8		64.4	52
	19	100.0	100.0	91.7	91.7	91.7	91.7	91.7	25.0		76.2	12
	22	100.0	100.0	100.0	91.7	91.7	91.7	91.7	83.3	25.0	84.7	12
TOTALS		99.8	97.6	95.9	94.2	91.5	82.7	68.0	45.7	14.3	75.3	287

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RELATIVE HUMIDITY

03154 CAMP PENDLETON, CALIFORNIA 73-75 OCT

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	100.0	100.0	95.2	95.2	90.5	85.7	76.2	57.1	86.2	21
	04	100.0	100.0	100.0	100.0	100.0	95.0	90.0	80.0	60.0	89.0	20
	07	100.0	100.0	98.3	96.6	93.1	86.2	79.3	65.5	32.8	80.9	58
	10	98.4	92.1	90.5	85.7	71.4	50.8	28.6	7.9	1.6	58.3	63
	13	98.4	91.9	83.9	72.6	64.5	33.9	11.3	1.6		51.2	62
	16	100.0	91.9	87.1	83.9	75.8	66.1	38.7	8.1	1.6	60.7	62
	19	100.0	100.0	93.8	93.8	87.5	81.3	75.0	50.0	18.8	75.5	16
	22	100.0	100.0	93.8	93.8	93.8	87.5	87.5	68.8	37.5	82.1	16
TOTALS		99.6	97.0	93.4	90.2	85.2	73.9	62.0	44.8	26.2	73.0	318

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01	100.0	100.0	100.0	100.0	100.0	100.0	87.5	81.3	62.5	89.4	16
	04	100.0	100.0	100.0	100.0	93.8	93.8	93.8	87.5	68.8	90.1	16
	07	100.0	100.0	100.0	100.0	100.0	97.5	95.0	87.5	70.0	90.8	40
	10	100.0	98.3	85.0	73.3	58.3	45.0	21.7	5.0	1.7	54.4	60
	13	98.2	94.6	82.1	71.4	50.0	28.6	7.1			48.9	56
	16	100.0	94.4	83.3	74.1	68.5	61.1	25.9	9.3		56.9	54
	19	100.0	100.0	100.0	100.0	100.0	100.0	91.7	58.3	8.3	80.3	12
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	33.3	86.3	12
TOTALS		99.8	98.4	93.8	89.9	83.8	78.3	65.3	50.5	30.6	74.6	266

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-75 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	100.0	100.0	100.0	100.0	100.0	94.1	82.4	64.7	89.2	17
	04	100.0	100.0	100.0	100.0	100.0	100.0	88.2	88.2	58.8	89.6	17
	07	100.0	100.0	97.2	97.2	97.2	94.4	83.3	77.8	44.4	84.7	36
	10	100.0	96.7	86.7	68.3	61.7	46.7	33.3	21.7	10.0	58.1	60
	13	100.0	94.5	76.4	61.8	54.5	36.4	18.2	5.5	1.8	50.3	55
	16	100.0	98.1	87.0	72.2	59.3	50.0	40.7	20.4	7.4	58.4	54
	19	100.0	100.0	100.0	100.0	90.9	81.8	81.8	63.6	36.4	81.5	11
	22	100.0	100.0	100.0	100.0	100.0	100.0	83.3	75.0	58.3	88.8	12
TOTALS		100.0	98.7	93.4	87.4	83.0	76.2	65.4	54.3	35.2	75.1	262

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RELATIVE HUMIDITY

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.9	97.8	92.3	85.1	78.3	72.9	64.0	53.7	38.4	73.9	369
FEB		100.0	99.2	94.6	91.0	84.0	74.9	61.5	44.4	23.9	73.1	338
MAR		100.0	99.9	97.8	95.7	89.7	82.9	69.1	53.5	39.7	78.8	401
APR		100.0	99.6	98.0	95.4	89.4	79.0	64.7	51.3	29.7	76.3	384
MAY		100.0	100.0	100.0	99.1	97.1	89.0	68.8	46.7	16.2	77.4	357
JUN		99.7	98.9	98.1	95.9	91.8	80.0	59.7	46.0	26.1	75.7	279
JUL		100.0	100.0	100.0	99.6	96.8	86.3	67.4	53.1	12.0	77.7	352
AUG		100.0	100.0	99.8	99.8	96.8	84.4	68.6	56.5	17.6	78.5	320
SEP		99.8	97.6	95.9	94.2	91.5	82.7	68.0	45.7	14.3	75.3	287
OCT		99.6	97.0	93.4	90.2	85.2	73.9	62.0	44.8	26.2	73.0	318
NOV		99.8	98.4	93.8	89.9	83.8	78.3	65.3	50.5	30.6	74.6	266
DEC		100.0	98.7	93.4	87.4	83.0	76.2	65.4	54.3	35.2	75.1	262
TOTALS		99.9	98.9	96.4	93.6	89.0	80.0	65.4	50.0	25.8	75.8	3933

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03134 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | JANUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	50.0	50.0								2	.5
82 TO 86		50.0			50.0					6	1.6
77 TO 81		7.1		28.6	21.4	35.7			7.1	14	3.8
72 TO 76	15.0	5.0		5.0	40.0	35.0				20	5.4
67 TO 71				4.3	47.8	8.7	21.7		17.4	23	6.2
62 TO 66	8.7	2.2			19.6	19.6	17.4		32.6	46	12.5
57 TO 61	5.9	2.9	2.9	2.9	11.8	17.6	17.6		38.2	68	18.4
52 TO 56	4.2	5.6	5.6	2.8	12.5	15.3	2.8	2.8	48.6	72	19.5
47 TO 51	2.2	28.9	2.2	6.7				4.4	55.6	45	12.2
42 TO 46	5.0	5.0							90.0	20	5.4
37 TO 41	8.0						4.0		88.0	25	6.8
32 TO 36									100.0	24	6.5
27 TO 31									100.0	3	.8
22 TO 26									100.0	1	.3
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	5.1	7.3	1.9	3.5	13.8	12.5	7.6	1.1	47.2	369	100.0

5709 FREQ. OF TEMP. VS. WIND DIR. JAN 68

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | FEBRUARY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86					100.0					1	.3
77 TO 81					50.0	50.0				4	1.2
72 TO 76	8.3	8.3			41.7	25.0	16.7			12	3.5
67 TO 71	6.7	6.7	6.7		33.3	23.3	10.0		13.3	30	8.8
62 TO 66	4.7	3.1	1.6	1.6	23.4	26.6	17.2	4.7	17.2	64	18.9
57 TO 61	3.8	5.1	3.8	5.1	20.3	21.5	12.7	3.8	24.1	79	23.3
52 TO 56	3.9	2.0	3.9	5.9	5.9	13.7	3.9		60.8	51	15.0
47 TO 51	10.7	3.6	3.6		3.6		3.6	3.6	71.4	28	8.3
42 TO 46	23.5	5.9						5.9	64.7	17	5.0
37 TO 41	7.1								92.9	28	8.3
32 TO 36									100.0	19	5.6
27 TO 31	16.7								83.3	6	1.8
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.2	3.5	2.7	2.4	15.6	15.6	8.6	2.4	43.1	339	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) MARCH (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91					100.0					1	.2
82 TO 86						100.0				1	.2
77 TO 81					28.6	28.6	28.6		14.3	7	1.7
72 TO 76					55.6	33.3	11.1			9	2.2
67 TO 71	4.2				29.2	41.7	8.3		16.7	24	6.0
62 TO 66	1.5		1.5	4.5	31.8	27.3	10.6	1.5	21.2	66	16.5
57 TO 61	2.0		2.0	2.0	27.3	36.4	10.1		20.2	99	24.7
52 TO 56			3.4	10.3	11.5	12.6	13.8	2.3	46.0	87	21.7
47 TO 51	5.9	2.0		3.9	3.9	5.9	7.8		70.6	51	12.7
42 TO 46	9.7	12.9							77.4	31	7.7
37 TO 41		4.8							95.2	21	5.2
32 TO 36									100.0	4	1.0
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.5	1.5	1.5	4.0	18.7	20.9	9.5	.7	40.6	401	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | APRIL (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81			20.0		40.0	40.0				5	1.3
72 TO 76	12.5	12.5			18.8	18.8	18.8		18.8	16	4.2
67 TO 71		12.0			44.0	28.0	8.0		8.0	25	6.5
62 TO 66				1.3	31.6	46.8	15.2		5.1	79	20.6
57 TO 61		1.3	2.5	1.3	21.5	44.3	10.1		19.0	79	20.6
52 TO 56	8.1	1.6		3.2	9.7	12.9	3.2		61.3	62	16.2
47 TO 51	10.9	7.8				1.6			79.7	64	16.7
42 TO 46	8.3	2.8					2.8		86.1	36	9.4
37 TO 41									100.0	17	4.4
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.4	3.4	.5	1.0	16.7	24.3	7.3		42.0	383	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | MAY (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						100.0				1	.3
77 TO 81					33.3	33.3	33.3			3	.8
72 TO 76					45.5	45.5			9.1	11	3.1
67 TO 71					26.4	64.2	5.7		3.8	53	14.8
62 TO 66				3.6	30.9	51.8	6.4	2.7	4.5	110	30.8
57 TO 61	2.5	.8	4.9	4.1	15.6	13.1	2.5	1.6	54.9	122	34.2
52 TO 56	9.5	9.5	2.4	2.4	4.8	4.8			66.7	42	11.8
47 TO 51	10.0	10.0							80.0	10	2.8
42 TO 46									100.0	4	1.1
37 TO 41									100.0	1	.3
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.2	1.7	2.0	2.8	21.0	32.5	3.9	1.4	32.5	357	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) JUNE (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106							100.0			1	.4
97 TO 101					50.0	50.0				2	.7
92 TO 96				33.3	66.7					3	1.1
87 TO 91				25.0	50.0	25.0				4	1.4
82 TO 86				11.1	88.9					9	3.2
77 TO 81					56.3	37.5			6.3	16	5.7
72 TO 76				4.1	53.1	40.8	2.0			49	17.6
67 TO 71					42.6	44.4	5.6		7.4	54	19.4
62 TO 66	1.5	3.0	1.5	4.5	34.3	22.4			32.8	67	24.0
57 TO 61	3.3	1.7	3.3	3.3	13.3	1.7	6.7	1.7	65.0	60	21.5
52 TO 56	7.7	7.7					7.7		76.9	13	4.7
47 TO 51									100.0	1	.4
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.4	1.4	1.1	3.6	36.6	24.4	3.6	.4	27.6	279	100.0

NAVWEASERVCOM

5709, FREQ. TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) JULY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86				11.5	42.3	46.2				26	7.4
77 TO 81				5.6	50.0	38.9	2.8		2.8	36	10.2
72 TO 76		1.0		1.0	37.6	51.5	5.0		4.0	101	28.7
67 TO 71					17.3	44.2	9.6		28.8	52	14.8
62 TO 66	4.7	2.8	2.8	4.7	9.3	14.0	6.5	2.8	52.3	107	30.4
57 TO 61	11.1	11.1						3.7	74.1	27	7.7
52 TO 56	33.3								66.7	3	.9
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.6	2.0	.9	3.1	24.4	33.0	5.1	1.1	27.8	352	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | AUGUST (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86				100.0						1	.3
77 TO 81				4.3	54.3	34.8	2.2		4.3	46	14.4
72 TO 76					35.1	52.3	7.2		5.4	111	34.7
67 TO 71			2.1	6.3	12.5	22.9	2.1		54.2	48	15.0
62 TO 66	5.4	4.1	4.1	1.4	14.9	5.4		1.4	63.5	74	23.1
57 TO 61	20.7	3.4				3.4		6.9	65.5	29	9.1
52 TO 56	9.1								90.9	11	3.4
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	3.4	1.3	1.3	2.2	25.3	28.1	3.1	.9	34.4	320	100.0

NAVWEASERVCOM

5702 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) SEPTEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106						100.0				1	.3
97 TO 101	33.3	33.3					33.3			3	1.0
92 TO 96		11.1			44.4	11.1	33.3			9	3.1
87 TO 91				16.7	33.3		33.3		16.7	6	2.1
82 TO 86		7.7			61.5	30.8				13	4.5
77 TO 81				8.7	52.2	34.8			4.3	23	8.0
72 TO 76				2.1	44.7	38.3	10.6		4.3	47	16.4
67 TO 71		1.8			37.5	32.1	16.1		12.5	56	19.5
62 TO 66	6.5	1.3	1.3	6.5	10.4	16.9	9.1		48.1	77	26.8
57 TO 61	9.5	28.6	9.5	2.4	7.1	2.4			40.5	42	14.6
52 TO 56	12.5	37.5			12.5				37.5	8	2.8
47 TO 51	50.0							50.0		2	.7
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	4.2	7.0	1.7	3.5	27.9	22.3	9.4	.3	23.7	287	100.0

5709 FREQ. OF TEMP. VS. WIND DIR. JAN 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) OCTOBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101						100.0				1	.3
92 TO 96		14.3				28.6	28.6	14.3	14.3	7	2.2
87 TO 91				16.7	50.0		16.7		16.7	6	1.9
82 TO 86			6.7		26.7	26.7	20.0		20.0	15	4.8
77 TO 81		7.7			30.8	23.1	15.4		23.1	13	4.1
72 TO 76	3.3				20.0	46.7	20.0		10.0	30	9.5
67 TO 71	1.3	1.3	1.3	2.5	26.6	38.0	12.7		16.5	79	25.1
62 TO 66	8.3	2.1		2.1	12.5	22.9	6.3		45.8	48	15.2
57 TO 61	7.9	13.2		2.6	2.6	7.9	5.3		60.5	38	12.1
52 TO 56	9.7	12.9	3.2						74.2	31	9.8
47 TO 51	3.4	6.9	6.9						82.8	29	9.2
42 TO 46		6.3							93.8	16	5.1
37 TO 41									100.0	2	.6
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.1	5.1	1.6	1.6	14.3	21.6	9.2	.3	42.2	315	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMPS. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) NOVEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	25.0	25.0		25.0		25.0				4	1.5
82 TO 86	50.0				16.7	16.7			16.7	6	2.3
77 TO 81		20.0			40.0	30.0			10.0	10	3.8
72 TO 76	4.5	4.5		4.5	40.9	27.3	9.1		9.1	22	8.3
67 TO 71		3.2		9.7	25.8	29.0	22.6	3.2	6.5	31	11.7
62 TO 66		1.9	1.9		32.7	30.8	13.5	1.9	17.3	52	19.5
57 TO 61	1.9	7.4		3.7	18.5	18.5	9.3	1.9	38.9	54	20.3
52 TO 56		13.3	6.7		6.7	6.7			66.7	15	5.6
47 TO 51	11.8		5.9						82.4	17	6.4
42 TO 46	2.6	5.3	2.6			5.3		2.6	81.6	38	14.3
37 TO 41	7.7								92.3	13	4.9
32 TO 36									100.0	4	1.5
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.8	5.3	1.5	2.6	18.8	18.4	7.9	1.5	40.2	266	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) | CAMP PENDLETON, CALIFORNIA (STATION NAME) | JAN 1973-MAR 1976 (YEARS) | DECEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						100.0				1	.4
77 TO 81		14.3			42.9	42.9				7	2.7
72 TO 76	8.3				25.0	33.3	16.7		16.7	12	4.6
67 TO 71		5.9			47.1	23.5			23.5	17	6.5
62 TO 66	4.8	2.4		2.4	42.9	23.8	9.5		14.3	42	16.0
57 TO 61	2.3			2.3	34.9	34.9	4.7		20.9	43	16.4
52 TO 56	11.9	7.1		2.4	7.1	16.7		2.4	52.4	42	16.0
47 TO 51	11.4	5.7							82.9	35	13.4
42 TO 46	5.3	10.5	5.3	5.3					73.7	19	7.3
37 TO 41								8.3	91.7	24	9.2
32 TO 36									100.0	19	7.3
27 TO 31									100.0	1	.4
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.3	3.8	.4	1.5	19.1	16.8	3.1	1.1	48.9	262	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. (REV. 68)

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) JAN 1973-MAR 1976 (YEARS) ALL (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106						50.0	50.0			2	.1
97 TO 101	16.7	16.7			16.7	33.3	16.7			6	.2
92 TO 96		10.5		5.3	31.6	15.8	26.3	5.3	5.3	19	.5
87 TO 91	8.7	8.7		17.4	34.8	8.7	13.0		8.7	23	.6
82 TO 86	3.8	5.0	1.3	6.3	45.0	30.0	3.8		5.0	80	2.0
77 TO 81		2.7	.5	5.4	46.2	35.3	3.8		6.0	184	4.7
72 TO 76	2.0	1.4		1.4	38.2	43.9	8.0		5.2	440	11.2
67 TO 71	.8	1.8	.8	1.8	30.3	36.4	10.2	.2	17.7	492	12.5
62 TO 66	3.5	1.8	1.3	3.0	23.7	26.7	8.8	1.4	29.8	832	21.2
57 TO 61	4.3	4.6	2.8	2.8	16.8	19.9	7.6	1.4	39.9	740	18.8
52 TO 56	5.9	5.3	2.7	4.1	8.0	10.8	4.3	1.1	57.7	437	11.1
47 TO 51	8.2	8.9	1.8	1.8	1.1	1.4	1.8	1.4	73.8	282	7.2
42 TO 46	7.2	6.6	1.1	.6		1.1	.6	1.1	81.8	181	4.6
37 TO 41	3.8	.8					.8	1.5	93.1	131	3.3
32 TO 36									100.0	70	1.8
27 TO 31	10.0								90.0	10	.3
22 TO 26									100.0	1	.0
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	3.8	3.5	1.5	2.7	20.7	22.7	6.6	.9	37.7	3930	100.0

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5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

NWSD, Federal Building

Asheville, N. C.

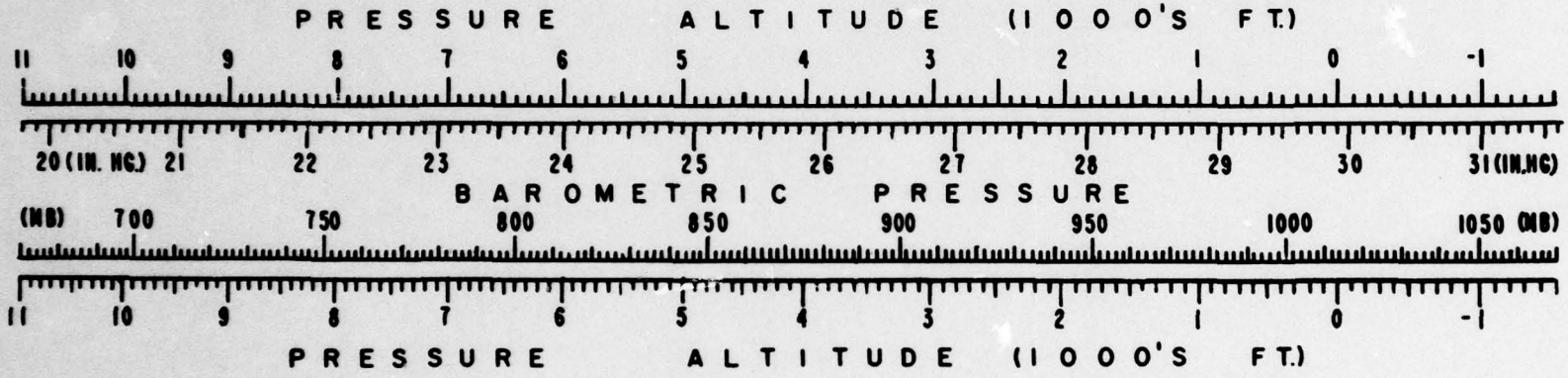
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.998	30.034	29.914	29.945	29.884	29.832	29.837	29.849	29.864	29.887	29.969	30.035	29.917
	S. D.	.111	.101	.134	.066	.077	.050	.053	.037	.068	.058	.109	.063	.105
	TOTAL OBS	22	17	34	37	31	18	23	23	17	21	16	17	276
04	MEAN	29.987	30.008	29.896	29.930	29.877	29.826	29.838	29.843	29.857	29.872	29.959	30.031	29.907
	S. D.	.108	.104	.134	.064	.080	.054	.054	.037	.070	.056	.112	.057	.103
	TOTAL OBS	21	18	34	39	31	18	23	23	17	20	16	17	277
07	MEAN	29.999	30.026	29.908	29.944	29.893	29.839	29.861	29.867	29.848	29.914	29.963	30.032	29.913
	S. D.	.114	.085	.133	.077	.080	.066	.050	.049	.070	.075	.080	.077	.101
	TOTAL OBS	44	39	56	59	60	59	67	66	60	58	40	36	650
10	MEAN	30.044	30.026	29.932	29.944	29.894	29.844	29.864	29.872	29.854	29.928	29.981	30.048	29.940
	S. D.	.109	.095	.113	.076	.074	.065	.052	.048	.071	.075	.092	.097	.110
	TOTAL OBS	84	78	86	65	68	62	67	64	60	63	60	60	817
13	MEAN	29.978	29.981	29.908	29.921	29.881	29.830	29.848	29.849	29.817	29.885	29.937	29.991	29.905
	S. D.	.102	.086	.106	.069	.070	.066	.051	.048	.068	.073	.069	.078	.096
	TOTAL OBS	84	78	85	65	65	61	67	63	57	62	56	55	798
16	MEAN	29.965	29.957	29.884	29.896	29.862	29.810	29.823	29.811	29.792	29.866	29.921	29.974	29.885
	S. D.	.103	.085	.103	.065	.066	.067	.054	.046	.070	.070	.071	.077	.098
	TOTAL OBS	82	78	84	64	63	61	65	47	52	62	54	54	766
19	MEAN	29.989	29.989	29.882	29.915	29.869		29.835	29.828	29.833	29.859	30.003	30.008	29.904
	S. D.	.128	.096	.092	.053	.073		.047	.037	.067	.057	.076	.059	.098
	TOTAL OBS	16	15	14	27	19		20	17	12	16	12	11	179
22	MEAN	30.012	30.022	29.905	29.944	29.872		29.862	29.847	29.851	29.881	30.023	30.033	29.929
	S. D.	.130	.109	.104	.056	.049		.048	.038	.072	.059	.077	.056	.101
	TOTAL OBS	16	15	11	28	13		20	17	12	16	12	12	172
ALL HOURS	MEAN	29.996	29.997	29.907	29.929	29.881	29.831	29.848	29.850	29.834	29.893	29.958	30.014	29.912
	S. D.	.113	.095	.116	.070	.073	.065	.053	.049	.073	.074	.086	.083	.103
	TOTAL OBS	369	338	404	384	356	279	352	320	287	318	266	262	3935

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03154 (STATION) CAMP PENDLETON, CALIFORNIA (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1018.7	1018.7	1015.8	1016.8	1014.7	1013.0	1013.3	1013.6	1014.1	1014.8	1017.7	1020.1	1015.9
	S. D.	3.736	5.735	4.523	2.204	2.572	1.678	1.841	1.270	2.301	1.972	3.642	2.687	3.706
	TOTAL OBS	22	18	34	37	31	18	23	23	17	21	16	17	277
04	MEAN	1018.2	1019.2	1015.2	1016.3	1014.5	1012.8	1013.2	1013.4	1013.8	1014.3	1017.3	1019.7	1015.5
	S. D.	3.638	3.323	4.566	2.137	2.685	1.824	1.855	1.228	2.320	1.895	3.779	1.929	3.490
	TOTAL OBS	21	18	34	39	31	18	23	23	17	20	16	17	277
07	MEAN	1018.4	1019.6	1015.6	1016.8	1015.0	1013.2	1014.0	1014.2	1013.5	1015.8	1017.4	1019.8	1015.7
	S. D.	3.526	2.898	4.497	2.605	2.647	2.217	1.700	1.668	2.349	2.530	2.700	2.564	3.372
	TOTAL OBS	43	39	56	59	66	59	67	66	60	58	40	36	649
10	MEAN	1020.1	1019.6	1016.4	1016.8	1015.1	1013.4	1014.1	1014.3	1013.7	1016.2	1018.1	1020.3	1016.6
	S. D.	3.536	3.213	3.788	2.523	2.517	2.202	1.743	1.649	2.377	2.534	3.088	3.273	3.699
	TOTAL OBS	83	78	86	65	68	62	67	64	60	63	60	60	816
13	MEAN	1018.0	1018.0	1015.6	1016.0	1014.7	1012.9	1013.5	1013.5	1012.5	1014.8	1016.5	1018.4	1015.5
	S. D.	3.439	2.918	3.600	2.341	2.366	2.256	1.722	1.609	2.321	2.451	2.345	2.661	3.264
	TOTAL OBS	84	78	85	65	65	61	67	63	57	62	56	55	798
16	MEAN	1017.5	1017.2	1014.7	1015.2	1013.9	1012.2	1012.7	1012.3	1011.6	1014.2	1016.0	1017.8	1014.8
	S. D.	3.482	2.894	3.492	2.194	2.202	2.224	1.802	1.560	2.367	2.375	2.368	2.594	3.307
	TOTAL OBS	82	78	84	63	64	61	65	47	52	62	54	54	766
19	MEAN	1018.5	1018.3	1014.7	1015.8	1014.3		1013.0	1012.8	1013.0	1013.9	1018.8	1019.0	1015.4
	S. D.	4.337	3.215	3.077	1.793	2.400		1.566	1.220	2.268	1.940	2.553	1.985	3.293
	TOTAL OBS	16	15	14	27	19		20	17	12	16	12	11	179
22	MEAN	1019.1	1019.4	1015.5	1016.8	1014.4		1014.0	1013.5	1013.6	1014.7	1019.5	1019.7	1016.3
	S. D.	4.392	3.711	3.518	1.889	1.637		1.611	1.246	2.401	1.986	2.594	1.897	3.424
	TOTAL OBS	16	15	11	28	13		20	17	12	16	12	12	172
ALL HOURS	MEAN	1018.5	1018.5	1015.5	1016.3	1014.6	1012.9	1013.5	1013.6	1013.1	1015.1	1017.2	1019.2	1015.7
	S. D.	3.680	3.351	3.915	2.352	2.458	2.193	1.797	1.671	2.462	2.475	2.914	2.840	3.490
	TOTAL OBS	367	339	404	383	357	279	352	320	287	318	266	262	3934

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